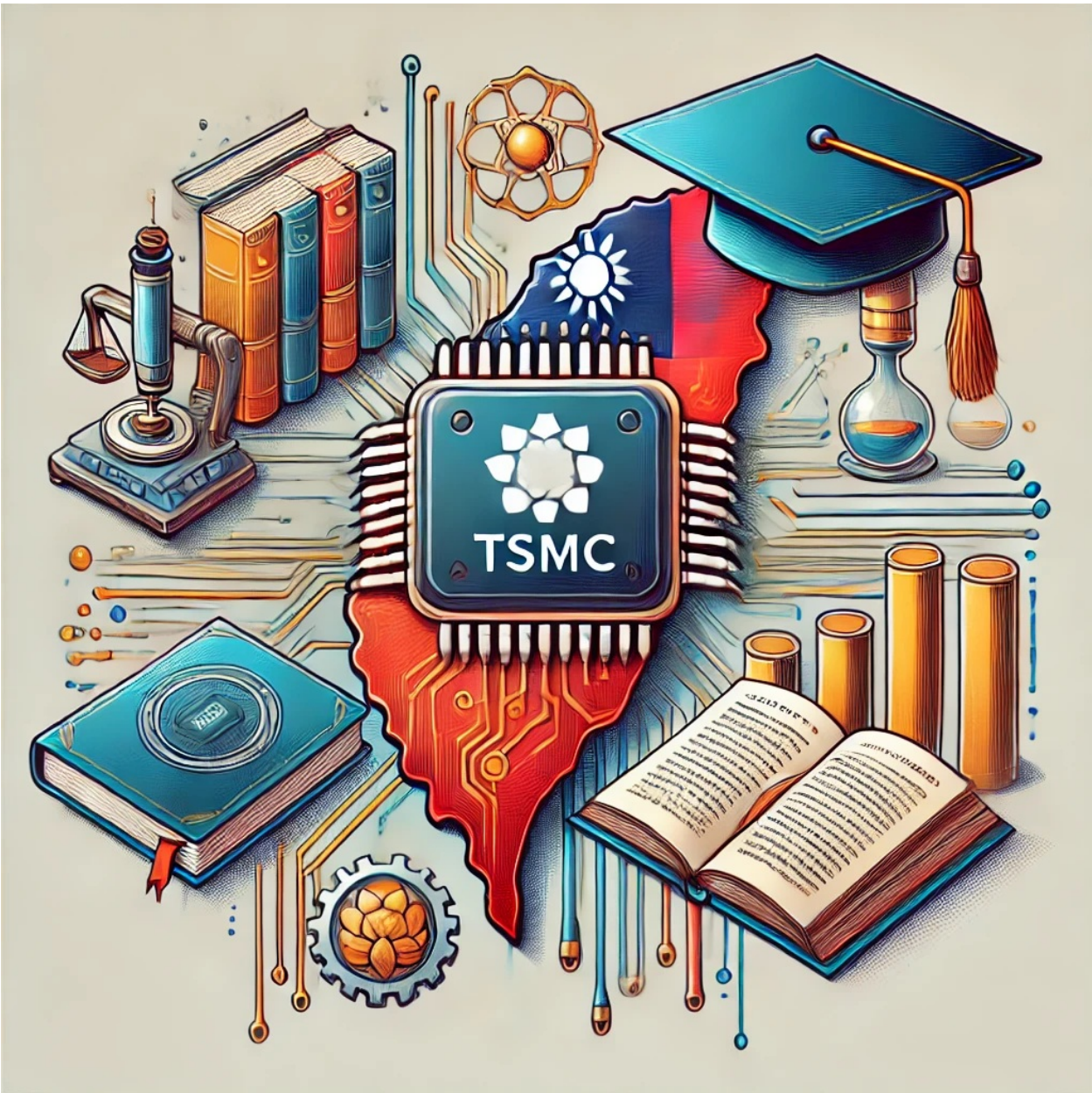
TSMC

TSCI (Taiwan Science Citation Index)

Journal Citation Report

2006–2009 TSCI-JCR

2006-2009 年台灣科學期刊引證索引報告

Chien-Min, Kuo

WiseUprightTech Press
TSCI (Taiwan Science Citation Index) Journal Citation Report
First Edition: 2021
Public Access Edition: 2024

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Author Biography

Kuo, Chien-Min was born in Taiwan and became permanent resident of U.S.A. in 2020. He was a Christian. He owns the B.S., M.S. and Ph.D. degrees in the field of information management. He ever served as the positions of second lieutenant, programmer, researcher, professor, inventor, author, founder of Baseball Innovation League Association. He published 23 peer-reviewed articles in the leading journals, including Information Sciences (SCI), Program (SSCI), the Electronic Library (SSCI) and so on. And, 45 articles published in academic conference proceedings. He also owned over 350 patens in Taiwan, China and USA. He have authored more than 20 books such as "The analysis and introduction of English core journal and thesis between 1998 to 2008", "Apply biology to business administration", "Learn the biology wisdom from Holy Bible" and so on.

Preface

The purpose of the Taiwan Science Citation Index (TSCI) is to calculate the journal impact factor for scientific journals published in Taiwan. In the past, citation analysis and bibliometrics have been regarded as mainstream methodologies for studying academic research development and trends. These methodologies were utilized in the design and implementation of the TSCI platform. While the scientific journals indexed by the Science Citation Index (SCI) are predominantly published in English, the TSCI focuses on indexing Taiwanese scientific journals written in traditional Chinese. Consequently, the TSCI journal citation report and database offer scholars valuable resources to explore and analyze scientific research activities in Taiwan.

Best wishes,

Chien Min, Kuo

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Appendix

CHAPTER I. **Introduction**

There are thirty steps illustrated in the Figure 1-1. The detail of them will be described in the following ten chapters. For the brief descriptions, they are as the followings:

1.1 Background and Purpose

The tremendous increase in the number of serial publications, coupled with spiraling subscription costs and shrinking library budgets, are driving what many describe as the "crisis in scholarly publishing." (Scholarly, 2005). And the impact of every journal and peer-reviewed paper for scholars is variable all the time. In order to calculate the citation impact factor for every journal and provide citation index search for scientists, many countries began to build up their own journal citation database for the published journals in their own language. For instance, the Science Citation Index database was built up in USA for English peer-reviewed papers and the Chinese Science Citation Index database was setup in China for Chinese peer-reviewer articles. In this book, the Taiwan Science Citation Index database system was built up for the Taiwan's peer-reviewed papers published in the tradition Chinese language.

This book was focus on the journals which are classified into science field rather than social science or art fields in Taiwan. Some journals could be classified into TSSCI and TSCI at the same time. As for SCI and SSCI, there are similar situations. Take MIS Quarterly and Scientometrics for instances, both were classified into SCI and SSCI journal lists. There are three major goals which we want to achieve in this project. First, the raw data preparing, cleaning and correcting system would be designed and implemented. Second, the search function and basic statistics tools would be implemented. Third, the Journal Citation Report would be generated from this TSCI database system platform.

1.2 Related Works

Thomson Inc. built SCI, SSCI and A&HCI database (Web of Science DB) and Journal Citation Report (JCR) for the scholar community to search peer-reviewed papers and journal assessment. Google Scholar indexes research resources on the internet in order to provide scholars with papers search and article citation ranking in interdisciplinary subjects. Graduate University of Chinese Academy of Sciences started to build CSCD (Chinese Science Citation Database) since 1989. Nanjing University and The Hong Kong University of Science & Technology began to setup CSSCI (China Social Science Citation Index) database in 1997. In Taiwan, the Social Science Research Center under the National Science Council (NSC) constructs the TSSCI (Taiwan Social Science Citation Index) database. And the department of Library in National Taiwan University built the THCI (Taiwan Humanities Citation Index) database. THCI project was sponsored by the Humanities Research Center of

NSC. Therefore, Taiwan needs one TSCI database and science journal citation report to index the peer-reviewed papers which written in traditional Chinese language and belonged to Science field. In this book, we design one TSCI system platform in order to assist with building TSCI database and provide search and analysis service for this database.

CHAPTER II. **Material and Metadata**

2.1 Material

The materials used in the project are all from journals published in Taiwan. The journals are classified in advance. Only the journals belonged to the science cluster would be selected as the source. For the TSCI policy and principle, they would be described as the following:

2.2 TSCI Policy

In this project, we made some policies to guide our directions. That is because the journals which were published in Taiwan have many different formats. Most of journals accept different languages' manuscripts including traditional Chinese language and English language. The metadata of each article have both Chinese and English versions too. In order to make the TSCI database consistency, we try to define some TSCI policies as following:

1) The collected journal must belong to the science field.
2) The society or publisher for collected journal must be located at Taiwan.
3) The references for each article are limited to journal, textbook and magazine.
4) The metadata of each article including in title, keyword, author name, address, journal name, volume, issue, page and reference would be indexed under Taiwan's copyright law.

2.3 TSCI Principle

As for the TSCI principle, we refer to related works and define our TSCI principle as follows. However, the principles may be modified, added and changed when we find that it is necessary to do so.

A. The Disciplinary

Multi-disciplinary were classified into Science field. They are life science, medicine, mechanical engineering, mathematics, earth science, physical science, chemistry, computer science and civil engineering (Table 1). If the journal belongs to one of above disciplinary, it would be classified into the Science field. Therefore, TSCI journal source would come from these disciplinary.

Table 1. The Disciplinary Category

Fields	Disciplinary
Science	1. Life Science 2. Medicine 3. Mech. Engineering 4. Mathematics 5. Earth Science 6. Physical Science 7. Chemistry 8. Computer Science 9. Civil Engineering
Social Science	N/A
Art and Humanities	N/A

B. The MetaData of Journal Article Source

Many metadata formats of journal article source exist in many journals. In order to make output consistency, the united format in the TSCI platform would be as the following:

1) Title

1.1 The journal full name would be used rather than the abbreviation name. The journal name could be changed after a period of time. In TSCI database, we would renew and unify journal name continuously. The purpose of this is to make data consistency and accuracy in the TSCI database and journal citation report.

1.2 Both Chinese and English title would be collected. If article was written in English and its Chinese title was not provided, we would collect English title only.

1.3 Simplified Chinese article would be collected in the format of traditional Chinese characters.

2) Author

2.1 The author name begins with Last name. As for the name sequence, the first is Last name and the second is Middle name. Third, First name would be the last one and behind the Middle name. And all the names would be in the upper case. The second and first name would be replaced with single one character. (Ex: BUSH GW and 王大明)

2.2 If author name is unavailable, the translator's name or organization would be added to database in the field of author.

3) Date

The date format would use the international standard date notation, YYYY-MM-DD, where YYYY is the year in the usual Gregorian calendar, MM is the month of the year between 01 (January) and 12 (December), and DD is the day of the month between 01 and 31. Leading "0"'s are always used to pad single digit days and months. For example, the fourth day of February in the year 2003 is written in the standard notation as 2003-02-04.

4) Publisher

If there are multiple publishers, only the first one would be added to the database in the publisher field.

5) Page

The page format would be defined as the following example: pp11-23. Different formats from various sources would be transformed to this format.

C. The Cited References for Journal Article Source

1) The Indexing Reference Type

There are many reference content types including original paper, review paper, editorial, letter, comment, news, magazine, textbook, dissertation, website, patent and so on (Table 2). In the early beginning phase, we only handle the reference type of peer-reviewed paper, magazine and textbook. Both conference and dissertation are considered and evaluated to decide whether we would process those types or not in the future.

Table 2. The indexing reference type in TSCI Database

Reference Content Type	Indexing Type
Original paper	Yes
Review Paper	Yes
Letter	No
Comment	No
Editorial	Yes
News	No
Magazine	Yes
Textbook	Yes
Dissertation	Consider
Conference	Consider
Website	No
Patent	No
Technique Report	No

2) The Reference Format

There are also many different formats in the references of journal article. The processes for these formats in TSCI platform are also very similar with the solutions and the consistent format which we process the metadata of journal article source.

A. Title

1.1 The journal full name would be used rather than the abbreviation name. The journal name could be changed after a period of time. In TSCI database, we would renew and unify journal name each year. The purpose of this is to make data consistency and accuracy in the TSCI database and journal citation report.

1.2 Both Chinese and English references and titles would be collected. If reference was written in English and author did not provide Chinese references, we would collect English references only.

1.3 Simplified Chinese article would be filtered because we focus on the journal published in Taiwan.

B. Author

2.1 The author name begins with Last name. As for the name sequence, the first is Last name and the second is Middle name. Third, First name would be the last one and behind the Middle name. And all the names would be in the upper case. The second and first name would be replaced with single one character. This format is used by Thomson ISI Inc. now. As the result, different format of author name would be transformed to this consistent format.

2.2 If author name is unavailable, the translator name or organization would be added to database in the field of author.

C. Date

We would only collect the publication year. The date property in references is not like the date format in the front page of each paper. We cannot get the detail information such as submit date and accept date. The website reference may have last access or available date. But we don't process website references currently.

D. Page

The page format would be defined as the following example: pp11-23. Different formats from various sources would be transformed to this format.

E. The Indexing Reference Type

There are many reference content types including original paper, review paper, editorial, letter, comment, news, magazine, textbook, dissertation, website, patent and so on. Currently, we only handle the reference type of peer-reviewed paper and textbook. The references which do not belong to original article, review paper or textbook would be filtered.

CHAPTER III. **Methodology**

3.1 Bibliometrics and Citation Analysis

In this TSCI project, we would apply the Bibliometrics and Citation Analysis research methodologies to our works. Some of these mature concepts and theories would be used to analyze the results. The detail definitions and descriptions for bibliometrics and citation analysis would be described as following:

(1) Bibliometrics

Bibliometrics (2007) is a type of research method used in library and information science. It utilizes quantitative analysis and statistics to describe patterns of publication within a given field or body of literature. Researchers may use this method to determine or evaluate the influence of a single author, for example, or to describe the relationship between two or more authors or papers.

One of the main areas in bibliometric research concerns the application of bibliometric laws. The three most commonly used laws in bibliometrics are: Lotka's law of scientific productivity, Bradford's law of scatter, and Zipf's law of word occurrence.

A)Lotka's Law

Lotka's Law describes the frequency of publication by authors in a given field. It states that " . . . the number (of authors) making n contributions is about $1/n^2$ of those making one; and the proportion of all contributors, that make a single contribution, is about 60 percent". This means that out of all the authors in a given field, 60 percent will have just one publication, and 15 percent will have two publications ($1/2^2$ times .60). 7 percent of authors will have three publications ($1/3^2$ times .60), and so on. According to Lotka's Law of scientific productivity, only six percent of the authors in a field will produce more than 10 articles. Lotka's Law, when applied to large bodies of literature over a fairly long period of time, can be accurate in general, but not statistically exact. It is often used to estimate the frequency with which authors will appear in an online catalog.

B) Bradford's Law

Bradford's Law serves as a general guideline to librarians in determining the number of core journals in any given field. It states that journals in a single field can be divided into three parts, each containing the same number of articles: 1) a core of journals on the subject, relatively few in number, that produces approximately one-third of all the articles, 2) a second zone, containing the same number of articles as the first, but a greater number of journals, and 3) a third zone, containing the same number of articles as the second, but a still greater number of journals. The mathematical relationship of the number of journals in the core to the first zone is a constant n and to the second zone the relationship is n^2. Bradford expressed this relationship as $1:n:n^2$. Bradford formulated his law after studying a bibliography of geophysics, covering 326 journals in the field. He discovered that 9 journals contained 429 articles, 59 contained 499 articles, and 258 contained 404 articles. So it took 9 journals to contribute one-third of the articles, 5 times 9, or 45, to produce the next third, and 5 times 5 times 9, or 225, to produce the last third. As may be seen, Bradford's Law is not statistically accurate, strictly speaking. But it is still commonly used as a general rule of thumb.

C) Zipf's Law

Zipf's Law is often used to predict the frequency of words within a text. The Law states that in a relatively lengthy text, if you "list the words occurring within that text in order of decreasing frequency, the rank of a word on that list multiplied by its frequency will equal a constant. The equation for this relationship is: r x f = k where r is the rank of the word, f is the frequency, and k is the constant. Zipf illustrated his law with an analysis of James Joyce's Ulysses. "He showed that the tenth most frequent word occurred 2,653 times, the hundredth most frequent word occurred 265 times, the two hundredth word occurred 133 times, and so on. Zipf found, then that the rank of the word multiplied by the frequency of the word equals a constant that is approximately 26,500". Zipf's Law, again, is not statistically perfect, but it is very useful for indexers.

(2) Citation Analysis

Another major area of bibliometric research uses various methods of citation analysis in order to establish relationships between authors or their publications. Here is a definition of citation analysis, and definitions of co-citation coupling and bibliographic coupling, which are specific kinds of citation analysis (Bibliometrics, 2007).

A) Citation Analysis

When one author cites another author, a relationship is established. Citation analysis uses citations in scholarly works to establish links. Many different links can be ascertained, such as links between authors, between scholarly works, between journals, between fields, or even between countries. Citations both from and to a certain document may be studied. One very common use of citation analysis is to determine the impact of a single author on a given field by counting the number of times the author has been cited by others. One possible drawback of this approach is that authors may be citing the single author in a negative context.

B) Co-citation Coupling

Co-citation coupling is a method used to establish a subject similarity between two documents. If papers A and B are both cited by paper C, they may be said to be related to one another, even though they don't directly cite each other. If papers A and B are both cited by many other papers, they have a stronger relationship. The more papers they are cited by, the stronger their relationship is.

C) Bibliographic Coupling

Bibliographic coupling operates on a similar principle, but in a way it is the mirror image of co-citation coupling. Bibliographic coupling links two papers that cite the same articles, so that if papers A and B both cite paper C, they may be said to be related, even though they don't directly cite each other. The more papers they both cite, the stronger their relationship is.

3.2 TSCI Database Design

Figure 1 is the Entity-Relationship model of TSCI database. There are several entities including journal, article, author analysis, unit analysis, country analysis and category analysis. The schema for each entity is illustrated as the following table. Table 3 lists the journal entity attributes and Table 4 lists the article entity attributes. Both tables are designed to store the raw data of journal and article in the TSCI database. Table 5 is the article citation entity table. Each journal has its own citing journal and cited journal. Every article has its own citing references and cited references. Table 6 is the journal citation report entity table. Citing reference can be seen as the input of article's citation and Cited reference can be seen as the output of article's citation. In order to do further value-added analysis, the meta data of author analysis, unit analysis, country analysis and category analysis (Table 7~10) are designed to provide required fields to store citation calculation results. The journal impact factor, author impact factor, unit impact factor and country impact factor would be calculated and saved. Through these impact factors, we can generate some further citation reports such as journal citation report, unit citation report and so on. The publication year could be a good dimension to drill down the data analysis in TSCI database.

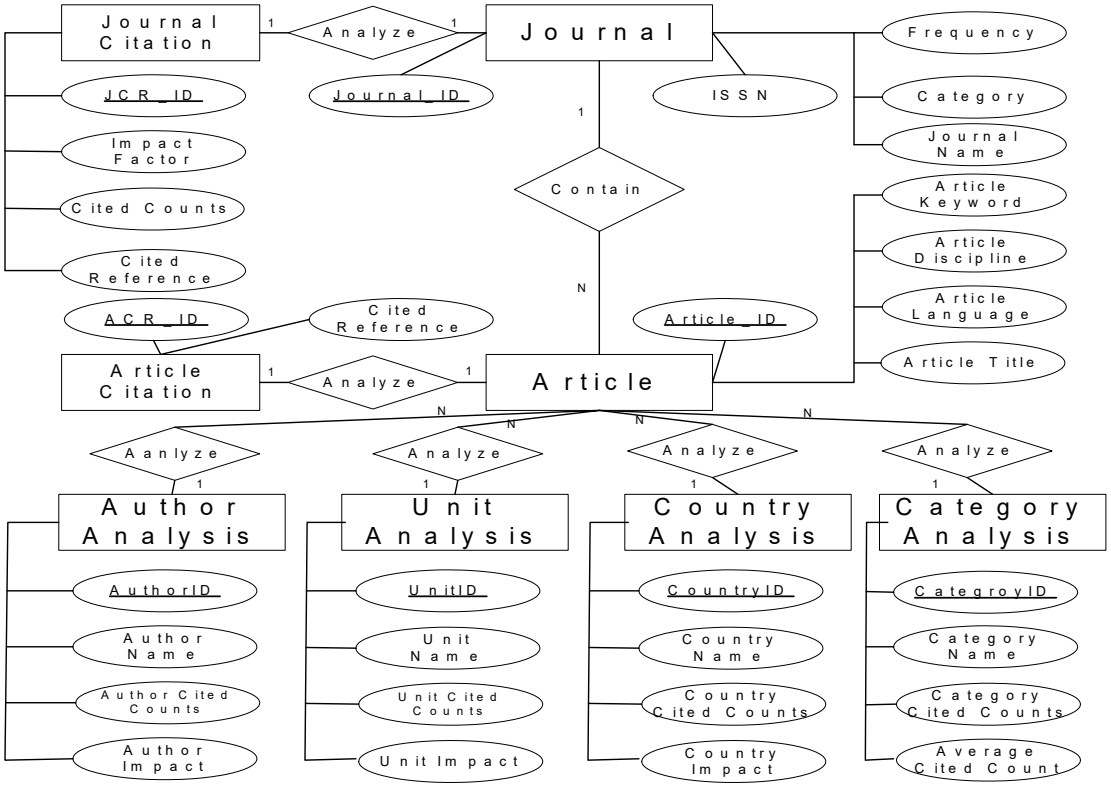

Figure 1. The Entity-Relation Model.

Table 3. Journal Entity Attributes

Field Label	Field Name	Data Type
Journal ID	Journal_ID	INT(10)
Journal Name	Journal_Name	VARCHAR(255)
ISSN or ISXN	ISSN	INT(10)
Subject Categories	Category	VARCHAR(255)
Publication Frequency	Publication_Frequency	INT(5)
Publication Date	Publication_Date	Date(7)
Publication Type	Publication_Type	VARCHAR(255)
Publisher	Publisher	VARCHAR(255)
Publisher Address	Publisher_Address	VARCHAR(255)
Publisher Website	Publisher_URL	VARCHAR(255)
National Library ID	NationalLibID	INT(10)
Journal Notes	Journal_Notes	VARCHAR(255)

Table 4. Article Entity Attributes

Field Label	Field Name	Data Type
Article_ID	Article_ID	INT(10)
Article_Title	Article_Title	VARCHAR(255)
Article_Language	Article_Language	VARCHAR(10)
Article_Discipline	Article_Discipline	VARCHAR(15)
Article_Vol	Article_Vol	INT(3)
Article_Issue	Article_Issue	INT(3)
Article_Page	Article_Page	INT(5)
Article_Date	Article_Date	DATE(8)
Article_Keyword	Article_Keyword	VARCHAR(255)
Article_Journal	Article_Journal	VARCHAR(100)
Article_Funding	Article_Funding	VARCHAR(100)
Article_Note	Article_Note	VARCHAR(150)

Table 5. Article Citation Entity Table

Field Label	Field Name	Data Type
Article ID	Article_ID	INT(10)
Citing Article ID	Article_Citing_ID	INT(10)
Citing Reference	Article_Citing_Reference	VARCHAR(255)
Cited Article ID	Article_Cited_ID	INT(10)
Cited Reference	Article_Cited_Reference	VARCHAR(255)
Cited Counts	Article_Cited_Counts	INT(10)
Notes	Notes	VARCHAR(255)

Table 6. Journal Citation Report Entity Table

Field Label	Field Name	Data Type
Journal ID	Journal_ID	INT(10)
Journal Name	Journal_Name	VARCHAR(255)
Journal Citing Counts	Journal_Citing_Counts	INT(10)
Journal Cited Counts	Journal_Cited_Counts	INT(10)
Journal Impact Factor	Journal_Impact Factor	FLOAT(10)
Immediacy Index	Journal_Immediacy	FLOAT(10)
Cited Half-Life Index	Journal_CitedHalfLife	FLOAT(10)
Citing Half-Life Index	Journal_CitingHalfLife	FLOAT(10)
Cited Year	Journal_CitedYear	DATE(8)
Citing Year	Journal_CitingYear	DATE(8)
JCR Notes	JCR_Notes	VARCHAR(255)

Table 7. Author Analysis Entity Table

Field Label	Field Name	Data Type
Author ID	AuthorID	INT(10)
Author Name	Author_Name	VARCHAR(255)
Author Publication Counts	Author_Pub_Counts	INT(10)
Author Cited Counts	Author_Cited_Coutns	INT(10)
Author Impact Factor	Author_IF	FLOAT(10)
Author Publication Year	Author_Year	Date(8)
Notes	Notes	VARCHAR(255)

Table 8. Unit Analysis Entity Table

Field Label	Field Name	Data Type
Unit ID	UnitID	INT(10)
Unit Name	Unit_Name	VARCHAR(255)
Unit Publication Counts	Unit_Pub_Counts	INT(10)
Unit Cited Counts	Unit_Cited_Coutns	INT(10)
Unit Impact Factor	Unit_IF	FLOAT(10)
Unit Publication Year	Unit_Year	Date(8)
Notes	Notes	VARCHAR(255)

Table 9. Country Analysis Entity Table

Field Label	Field Name	Data Type
Country ID	CountryID	INT(10)
Country Name	Country_Name	VARCHAR(255)
Country Publication Counts	Country_Pub_Counts	INT(10)
Country Cited Counts	Country_Cited_Coutns	INT(10)
Country Impact Factor	Country_IF	FLOAT(10)
Country Publication Year	Country_Year	Date(8)
Notes	Notes	VARCHAR(255)

Table 10. Category Analysis Entity Table

Field Label	Field Name	Data Type
Category ID	CategoryID	INT(10)
Category Name	Category_Name	VARCHAR(255)
Category Publication Counts	Category_Pub_Counts	INT(10)
Category Cited Counts	Category_Cited_Coutns	INT(10)
Category Average Cited Counts	Category_AVG_Counts	FLOAT(10)
Category Publication Year	Category_Year	Date(8)
Notes	Notes	VARCHAR(255)

3.3 TSCI System Design

The TSCI system platform is constructed via Microsoft Asp.Net and SQL Server on the Windows Server platform. The TSCI system platform is divided into three major sub-systems. They are journal indexing system, journal analysis system and journal citation system. The system architecture was illustrated as Figure 2 and Table 11.

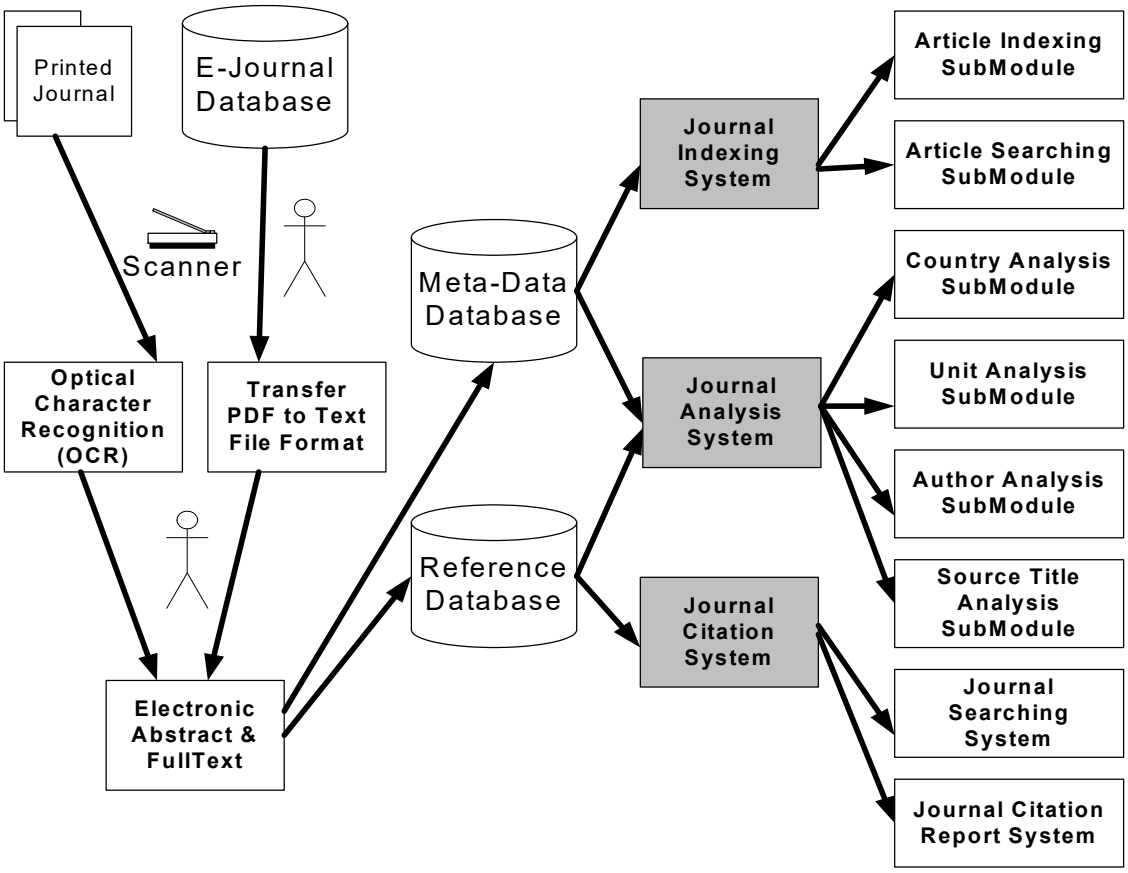

Figure 2. TSCI Database Platform Architecture

Table 11. The Building Block for the TSCI System Platform.

<table>
<tr><td colspan="8">End-User / Scholar</td></tr>
<tr><td>AIS</td><td>ASS</td><td>CAS</td><td>UAS</td><td>AAS</td><td>STAS</td><td>JSS</td><td>JCRS</td></tr>
<tr><td colspan="3">Journal Indexing System</td><td colspan="3">Journal Analysis System</td><td colspan="2">Journal Citation System</td></tr>
<tr><td colspan="4">Journal Meta Database</td><td colspan="4">Journal Reference Database</td></tr>
<tr><td colspan="3">Data Prepare</td><td colspan="3">Data Clean</td><td colspan="2">Data Filter</td></tr>
<tr><td colspan="4">Manual Work</td><td colspan="4">PDF to Text Converter</td></tr>
<tr><td colspan="8">OCR (Optical Character Recognition)</td></tr>
<tr><td colspan="4">Printed Journal</td><td colspan="4">Electronic Journal Database</td></tr>
<tr><td colspan="8">TSCI System Platform</td></tr>
</table>

1) Journal Indexing System

There are two sub-modules in the journal indexing system. They are article indexing sub-module (AIS) and article searching sub-module (ASS). In the article indexing sub-module (AIS), articles would be indexed and stored in the meta-data database. These raw data would be obtained from printed journal or E-Journal database. After we process these raw data by Optical Character Recognition (OCR) or Pdf-to-Word (Pdf2Word) software package, the electronic full-text becomes the source for Meta-Data database and Reference database.

In the article searching sub-module (ASS), two types of search functions were designed and implemented. They are basic and advanced search functions. For the basic search, we provide basic search for journal, author and article. The return fields are the basic properties in article and journal database tables such as author name, journal name, article title and so on. As for the advanced search, we provide richer search properties from journal, author and article database tables.

2) Journal Analysis System

In the journal analysis system, we design the offline analysis mode. There are four analysis sub-modules in journal analysis system. They are author analysis sub-modules (AAS), unit analysis sub-modules (UAS), country analysis sub-modules (CAS) and source title analysis sub-modules (STAS). For this the offline mode, TSCI platform would generate analysis reports based on its own classification policy and then adjust report by human being. These reports could become the electronic academic activity analysis reports.

Some other impact factors can be calculated via this system too. Three different kinds of value-added impact factors, including author impact factor (AIF), unit impact factor (UIF) and country impact factor (CIF), which can be calculated and extended from the raw data in the TSCI database. In Formula 3.1, which is the AIF calculation, F represents journal impact factor (JIF); M represents author member numbers; T represents article types including News, Review, Letter and Editorial Paper; and W represents the weight of article type. In Formulas 3.2 and 3.3, A represents author impact factor. U represents unit impact factor. Owing to the hierarchical and aggregate relationship among country, unit and author, we can firstly calculate AIF. Then UIF can be further obtained from AIF, and CIF can be further calculated from UIF recursively.

$$AIF = \sum_{i=1}^{n} F_i M_i^{-1} (W_x T_i) \tag{3.1}$$

$$UIF = \sum_{j}^{k} (\sum_{i}^{n} A_i)_j \tag{3.2}$$

$$CIF = \sum_{i}^{n} U_i \tag{3.3}$$

3) Journal Citation System

There are two sub-modules in the journal citation system. They are Journal Searching System (JSS) and Journal Citation Report System (JCRS). In the journal searching system, we would provide much more advanced searching features such as cited and citing reference search. The journal citation report (JCR) in journal citation report system (JCRS) is the one of the most highly valued target in the TSCI platform. That is because JCR can be used to evaluate the impact factor of scientific journal published in Taiwan.

Due to the bi-directional citations between journals, we call this journal cited analysis and journal citing analysis. Similarly, it could be called journal linking in/out analysis. Four related factors would be used in this research: the *JCDF* (Journal Cited Factor), *SJCDF* (Subtract Self-Journal Cited Factor), *JCIF* (Journal Citing Factor) and *SJCIF* (Subtract Journal Citing Factor). In the $JCDF_k$ (Formula 3.4), *DFj* is the abbreviation for Cited-Frequency, which counts the base journal's cited frequency (link-in) from "*n*" kinds of journals. In the citation matrix as in Table 12, *DFj* is the cited counts in the horizontal direction. DA_k is abbreviated from Cited-Articles, which represents the amounts of articles published by the base journal. And, "*k*" is the target journal, whose citation factor is being calculated. "*n*" is the total number of journals. "*j*" is the base journal index (j=1,…,n). While the $SJCDF_k$ (Formula 3.5) is being calculated, the situation for $j=k$ must be skipped because its purpose is to eliminate noise coming from journal self-citation. The major difference between the $JCDF_k$ and $JCIF_k$ (Formula 3.4 and 3.6) is that the $JCIF_k$ is for journal co-citing counts and the other is for journal co-cited frequencies. For the direction in the citation matrix, $JCDF_k$ is in the horizontal direction and $JCIF_k$ is in the vertical direction. In $JCIF_k$, *GFj* is abbreviated from Citing-Frequency, which counts the base journal's citing frequency (link-out) from "*n*" kinds of journals. In Table 10, *GFj* is the citing counts in the vertical direction. GA_k is abbreviated from Citing-Articles, which represents the amounts of papers published by the journal "*k*". The $SJCIF_k$ (Formula 3.7) is similar to the $SJCDF_k$ both subtracting self-journal citation from *JCIF*. Usually, every journal has a higher self-citation factor, which can be found in references (Rousseau R., 1999) (András S. 2006). That is why we develop *SJCIF* and *SJCDF* factor in order to subtract the citation bias which came from self-journal citation.

$$JCDF_k = \sum_{j=1}^{n} (DF_j / DA_k) \tag{3.4}$$

$$SJCDF_k = \sum_{j=1}^{n-1} (DF_j / DA_k) \quad \text{where } j \neq k \tag{3.5}$$

$$JCIF_k = \sum_{j=1}^{n} (GF_j / GA_k) \tag{3.6}$$

$$SJCIF_k = \sum_{j=1}^{n-1} (GF_j / GA_k) \quad \text{where } j \neq k \tag{3.7}$$

Table 12. Journal Cited Factor (JCDF) and Journal Citing Factor (JCIF).

	MS	MISQ	IEETSE	ISR	JMIS	OrgSCI	ASQ	I&M	DS	DSS	**JCDF**	SJCDF
MS	***15.4***	1.3	1.9	1.4	1.9	1.6	0.5	4.1	3.7	1.0	**3.3**	1.9
MISQ	13.5	***18.0***	2.2	12.0	17.8	1.1	0.0	40.3	9.6	4.3	**11.9**	11.2
IEETSE	0.2	0.0	***8.9***	0.1	0.3	0.0	0.0	0.4	0.1	0.3	**1.0**	0.2
ISR	6.8	5.7	0.8	***6.0***	4.6	0.5	0.0	7.7	2.0	1.8	**3.6**	3.3
JMIS	1.7	3.0	0.4	1.4	***7.1***	0.2	0.0	12.3	1.9	2.1	**3.0**	2.6
OrgSCI	5.0	3.5	11.1	1.4	3.1	***11.1***	2.9	4.4	2.1	0.6	**4.5**	3.8
ASQ	3.8	1.6	10.8	0.6	3.6	10.8	***4.9***	5.9	1.6	0.7	**4.4**	4.4
I&M	0.8	0.7	0.1	0.7	2.2	0.0	0.0	***12.2***	0.6	0.9	**1.8**	0.7
DS	4.8	2.5	0.7	3.1	4.1	0.5	0.0	10.7	***14.8***	1.7	**4.3**	3.1
DSS	1.0	0.5	0.1	0.7	1.1	0.0	0.0	3.2	0.6	***4.1***	**1.1**	0.8
JCIF	**5.3**	**3.7**	**3.7**	**2.7**	**4.6**	**2.6**	**0.8**	**10.1**	**3.7**	**1.7**		
SJCIF	4.2	2.1	3.1	2.4	4.3	1.6	0.4	9.9	2.5	1.5		

CHAPTER IV. **Analysis and Discussion**

The Journal Impact Factor (JIF) is a measure of the frequency with which the "average article" in a journal has been cited in a given period of time. The impact factor for a journal is calculated based on a three-year period, and can be considered to be the average number of times published papers are cited up to two years after publication. For example, the journal impact factor 2005 for a journal would be calculated as follows: 1) A = the number of times articles published in 2003-4 were cited in indexed journals during 2005; 2)B = the number of articles, reviews, proceedings or notes published in 2003-4; 3)impact factor 2005 = A/B.

In the table 13, we show the journal impact factor for those highly cited journals published in Taiwan. The time span is from 2002 to 2004.The journal impact factor was calculated as above formula which was proposed by Thomson ISI Inc. The JIF-Remove-SC means that the journal impact factor was calculated after we remove the journal self citation. The articles in one journal often cite the articles published in the same journal. It will cause the bios to calculate journal impact factor. Therefore, the self-cited counts was deducted in this study in order to avoid this bios.

Most highly cited journals are from the medical field. That is because Taiwan has many medical journals. There are fewer engineering journals in Taiwan. Therefore, some famous journals such as “Journal of Information Science and Engineering” which is a SCI journal was poorly cited in TSCI database. The amount of relevant journals is one of the important variables to influence the cited counts and journal impact factor.

Table 13. The Journal Impact Factors List in TSCI database.

Chinese J. Name	Papers	Self Citation(SC)	Cited Counts	JIF	JIF-Remove-SC
中華輔導學報	29	3	11	0.379	0.276
護理雜誌	267	0	71	0.266	0.266
台灣醫學	103	13	38	0.369	0.243
醫務管理期刊	91	0	22	0.242	0.242
安寧療護	72	0	16	0.222	0.222
新台北護理期刊	64	3	14	0.219	0.172
慈濟護理雜誌	153	0	26	0.170	0.170
應用心理研究	160	14	39	0.244	0.156
醫護科技學刊	81	4	15	0.185	0.136
榮總護理	140	0	19	0.136	0.136
臺灣醫學會雜誌	432	54	111	0.257	0.132
長庚護理	137	0	17	0.124	0.124
都市與計劃	59	6	12	0.203	0.102
中華職業醫學雜誌	100	5	14	0.140	0.090
林業研究季刊	93	0	8	0.086	0.086
台灣家庭醫學雜誌	61	2	7	0.115	0.082
台灣公共衛生雜誌	154	4	16	0.104	0.078
台灣醫界	339	0	21	0.062	0.062
醫學教育	150	30	39	0.260	0.060
衛生教育學報	53	8	11	0.208	0.057
臨床醫學	494	0	27	0.055	0.055
諮商與輔導	369	0	19	0.051	0.051
當代醫學	499	0	19	0.038	0.038
感染控制雜誌	133	23	28	0.211	0.038
物理治療	90	12	15	0.167	0.033
社區發展季刊	352	0	10	0.028	0.028
中華林學季刊	120	27	29	0.242	0.017
台耳醫誌	144	12	14	0.097	0.014
台灣農業化學與食品科學	180	11	13	0.072	0.011

CHAPTER V. **2006 TSCI Journal Citation Report**

Over 400,000 references were collected and processed by our team members. At least 20 persons and US70,000 were applied for this TSCI project. In the 2006 TSCI journal citation report, all the factors are listed as the following. The calculation methods were also illustrated as the following.

TC: Total Cites
(All accumulated cited counts since the first issue of the journal)

IF: Impact Factor
(All cited counts by other journals within 2 years / The article numbers published by the calculating journal within 2 years)

II: Immediacy Index
(All cited counts by other journals within 1 year / The article numbers published by the calculating journal within 1 year)

ES: Exclude Self-Citation Rate
(All the cited counts by other journals / All the cited counts by all journals)

CS: Cited Sources
(The cited source numbers.)

SF: Spread Factor
(The total cited source numbers * 100 / The total cited counts)

SD: Subject Diffusion Index
(The cited source numbers in the same filed / All cited source numbers)

HL: Cited Half-life
(Median age of the citations produced by a journal during the JCR year)

SI: Source Item
(All the article numbers for the calculating source journal)

AR: All References
(All the citing references numbers for the calculating source journal)

AG (Average Cited Counts)
(All citing references numbers / All the article numbers in the source journal)

Table 14-1. The 2006 TSCI Journal Citation Report.

ISSN	TC	IF	II	ES	CS	SF	SD	HL	SI	AR	AG
0254-1319	2	0.01	0.00	0.50	1	50.0	0.00	2.00	47	981	20.9
1013-1671	13	0.04	0.00	1.00	8	61.5	0.03	5.64	29	196	6.8
1019-6099	3	0.02	0.00	0.67	2	66.7	0.01	2.33	37	472	12.8
1608-8115	15	0.00	0.00	1.00	9	60.0	0.03	5.27	74	346	4.7
1684-0925	5	0.13	0.00	0.80	2	40.0	0.01	7.00	12	146	12.2
0006-8063	6	0.03	0.00	1.00	3	50.0	0.01	4.00	53	378	7.1
1381-3390	11	0.08	0.00	1.00	7	63.6	0.03	4.00	14	82	5.9
1726-2364	1	0.03	0.00	0.00	0	0.0	0.00	3.00	20	62	3.1
1011-6788	0	0.00	0.00	NA		NA	0.00		51	532	10.4
1013-2732	13	0.06	0.00	0.77	4	30.8	0.02	4.11	17	69	4.1
1727-2394	2	0.05	0.00	0.00	0	0.0	0.00	2.00	27	262	9.7
1028-9488	70	0.20	0.13	0.36	10	14.3	0.04	4.87	15	77	5.1
1016-2364	11	0.03	0.00	0.64	5	45.5	0.02	4.71	70	109	1.6
1023-2796	20	0.11	0.00	0.45	4	20.0	0.02	3.50	33	267	8.1
1609-0985	7	0.01	0.00	0.14	1	14.3	0.00	4.00	29	747	25.8
0929-6441	8	0.04	0.00	0.63	4	50.0	0.02	3.00	25	242	9.7
a0000142	11	0.03	0.00	0.82	8	72.7	0.03	5.00	21	144	6.9
0253-3839	37	0.07	0.00	0.38	9	24.3	0.03	3.39	119	449	3.8
0929-6646	27	0.01	0.00	1.00	12	44.4	0.05	5.00	166	1333	8.0
1560-1587	7	0.16	0.00	0.00	4	57.1	0.02	3.14	8	40	5.0
1028-4559	15	0.05	0.02	0.33	5	33.3	0.02	4.00	84	1690	20.1
0372-333X	57	0.25	0.03	0.28	8	14.0	0.03	4.36	32	152	4.8
1017-0839	94	0.55	0.02	0.16	7	7.4	0.03	2.43	56	579	10.3
0304-4920	7	0.04	0.00	1.00	5	71.4	0.02	3.60	30	221	7.4
0257-5655	85	0.09	0.00	0.76	34	40.0	0.13	4.00	98	1177	12.0
0254-0002	48	0.18	0.06	0.10	3	6.3	0.01	5.82	16	103	6.4
1560-3822	212	0.12	0.02	0.25	12	5.7	0.05	4.02	196	875	4.5
1563-3470	75	0.40	0.03	0.45	7	9.3	0.03	14.34	87	667	7.7
1680-3108	23	0.06	0.00	0.87	14	60.9	0.05	5.33	35	250	7.1
1027-376x	4	0.09	0.00	0.00	0	0.0	0.00	4.00	34	233	6.9

0529-6528	18	0.04	0.00	0.56	7	38.9	0.03	5.33	25	142	5.7
1023-4535	19	0.19	0.00	0.00	0	0.0	0.00	3.20	21	80	3.8
1022-7636	2	0.00	0.00	1.00	1	50.0	0.00	6.00	29	183	6.3
0255-6073	78	0.15	0.03	0.46	10	12.8	0.04	16.02	34	193	5.7
a0000234	14	0.03	0.00	1.00	7	50.0	0.03	5.00	31	178	5.7
1027-9962	19	0.06	0.00	0.11	1	5.3	0.00	3.33	32	739	23.1
1023-2214	10	0.05	0.00	0.90	7	70.0	0.03	5.00	24	521	21.7
1683-9595	4	0.03	0.00	0.00	0	0.0	0.00	4.00	18	32	1.8
1021-3120	15	0.02	0.00	0.87	4	26.7	0.02	5.40	43	229	5.3
1011-6958	28	0.11	0.00	0.68	12	42.9	0.05	5.33	21	253	12.0
0253-8946	6	0.05	0.00	0.17	1	16.7	0.00	6.00	9	18	2.0
1027-8117	1	0.00	0.00	0.00	1	100.0	0.00	NA	52	761	14.6
0578-1345	54	0.03	0.00	0.59	4	7.4	0.02	6.00	40	268	6.7
1683-5875	5	0.05	0.00	0.80	3	60.0	0.01	4.50	20	150	7.5
1023-3660	68	0.24	0.00	0.69	23	33.8	0.09	6.33	27	335	12.4
0257-554x	3	0.00	0.00	0.67	2	66.7	0.01	4.33	58	94	1.6
1607-7423	5	0.03	0.00	1.00	4	80.0	0.02	5.00	12	45	3.8
1017-6446	14	0.07	0.00	0.21	2	14.3	0.01	5.00	11	340	30.9
1016-7390	34	0.08	0.00	0.88	15	44.1	0.06	3.17	42	575	13.7
1015-8359	6	0.01	0.00	0.00	0	0.0	0.00	4.00	72	471	6.5
0441-3768	60	0.30	0.02	0.02	1	1.7	0.00	6.00	52	984	18.9
1606-2604	17	0.13	0.00	0.71	5	29.4	0.02	9.01	10	55	5.5
1810-2549	15	0.08	0.02	0.27	4	26.7	0.02	1.57	142	1651	11.6
1022-9671	16	0.05	0.05	0.13	1	6.3	0.00	4.09	44	189	4.3
1025-5222	7	0.05	0.00	0.86	5	71.4	0.02	3.33	21	135	6.4
1812-7266	131	0.87	0.03	0.36	14	10.7	0.05	3.29	31	308	9.9
1025-7683	4	0.00	0.00	0.00	0	0.0	0.00	5.00	30	40	1.3
1607-2928	9	0.01	0.00	1.00	5	55.6	0.02	5.00	24	4	0.2
1012-3407	18	0.04	0.09	0.33	6	33.3	0.02	6.00	44	202	4.6
1727-1231	8	0.07	0.00	0.13	1	12.5	0.00	4.33	18	172	9.6
1016-2356	4	0.01	0.00	0.00	0	0.0	0.00	3.00	48	59	1.2
a0000141	4	0.10	0.00	0.50	2	50.0	0.01	3.00	10	95	9.5
a0000474	2	0.08	0.00	0.00	0	0.0	0.00	2.00	12	79	6.6

1023-988x	4	0.00	0.00	1.00	4	100.0	0.02	4.00	34	530	15.6
1563-2555	34	0.09	0.00	0.41	8	23.5	0.03	6.33	35	528	15.1
2072-0939	13	0.01	0.00	1.00	9	69.2	0.03	4.33	122	970	8.0
1026-7301	174	0.23	0.04	0.88	42	24.1	0.16	4.76	48	335	7.0
1561-2546	60	0.16	0.00	0.63	12	20.0	0.05	16.97	31	454	14.6
1022-0690	6	0.12	0.00	0.33	2	33.3	0.01	3.00	29	194	6.7
1606-8238	7	0.16	0.00	0.71	5	71.4	0.02	3.17	9	293	32.6
1563-356x	43	0.01	0.00	0.86	13	30.2	0.05	8.20	19	125	6.6
0255-5778	9	0.10	0.06	0.44	4	44.4	0.02	4.00	17	20	1.2
1561-3771	13	0.13	0.06	0.08	1	7.7	0.00	4.00	16	69	4.3
0253-9290	73	0.25	0.07	0.05	4	5.5	0.02	6.50	29	156	5.4
2076-8680	8	0.06	0.00	0.13	1	12.5	0.00	5.00	51	199	3.9
1023-9855	15	0.01	0.00	0.93	7	46.7	0.03	5.27	96	1486	15.5
1021-8661	19	0.10	0.00	0.32	4	21.1	0.02	4.17	32	165	5.2
1812-4313	14	0.14	0.10	0.14	1	7.1	0.00	5.00	21	175	8.3
1683-0903	19	0.10	0.00	0.79	7	36.8	0.03	4.83	16	163	10.2
1561-3852	73	0.38	0.04	0.70	21	28.8	0.08	4.12	27	207	7.7
1811-1947	2	0.04	0.00	0.50	1	50.0	0.00	4.00	16	213	13.3
1017-5733	8	0.06	0.00	0.13	1	12.5	0.00	4.00	10	41	4.1
1024-9877	33	0.16	0.00	0.76	14	42.4	0.05	4.00	32	158	4.9
1729-3332	1	0.00	0.00	1.00	1	100.0	0.00	5.00	7	16	2.3
1562-2746	7	0.02	0.00	0.57	2	28.6	0.01	5.43	21	74	3.5
1021-7878	50	0.45	0.00	0.12	3	6.0	0.01	3.11	27	204	7.6
a0000067	39	0.01	0.00	0.67	7	17.9	0.03	4.75	42	673	16.0
1016-3190	55	0.12	0.00	0.93	32	58.2	0.12	4.22	128	2528	19.8
1727-3269	22	0.14	0.00	1.00	10	45.5	0.04	3.55	57	574	10.1
1563-1230	45	0.12	0.00	0.96	11	24.4	0.04	4.26	21	103	4.9
1683-9544	21	0.21	0.00	0.81	7	33.3	0.03	4.24	14	223	15.9
1729-6056	10	0.00	0.00	0.90	5	50.0	0.02	4.20	31	96	3.1
0550-3744	9	0.03	0.00	0.78	3	33.3	0.01	5.33	25	99	4.0
xx5	22	0.24	0.00	0.18	1	4.5	0.00	3.00	26	105	4.0
1019-0430	29	0.17	0.13	0.34	4	13.8	0.02	5.00	16	109	6.8
1814-2869	3	NA	0.09	0.33	1	33.3	0.00	1.00	32	1067	33.3

0258-4727	169	0.20	0.00	0.89	35	20.7	0.13	4.59	46	334	7.3
a000-0021	9	0.00	0.00	0.00	0	0.0	0.00	5.33	23	239	10.4
1817-6720	16	0.05	0.00	0.69	6	37.5	0.02	3.00	58	278	4.8
0492-1505	49	0.10	0.00	0.35	6	12.2	0.02	4.59	35	132	3.8
1019-6102	1	0.01	0.00	1.00	1	100.0	0.00	3.00	46	376	8.2
1680-7650	6	0.02	0.00	1.00	4	66.7	0.02	5.00	26	178	6.8
1026-4469	62	0.14	0.06	0.98	12	19.4	0.05	4.33	33	176	5.3
1562-3386	12	0.00	0.00	0.58	6	50.0	0.02	5.33	30	192	6.4
1682-3281	28	0.24	0.00	0.82	15	53.6	0.06	9.00	25	39	1.6
1025-3009	28	0.02	0.00	0.86	12	42.9	0.05	5.25	33	1187	36.0
1726-7404	8	0.16	0.00	0.50	4	50.0	0.02	6.00	14	82	5.9
1605-2471	50	0.13	0.00	0.28	10	20.0	0.04	5.00	56	522	9.3
0022-4847	16	0.11	0.04	0.25	4	25.0	0.02	3.00	24	126	5.3
1814-5108	8	0.17	0.00	0.63	2	25.0	0.01	4.00	13	236	18.2
1027-5096	11	0.07	0.00	0.64	5	45.5	0.02	3.14	30	229	7.6
1028-1916	238	0.24	0.02	0.81	53	22.3	0.20	5.80	112	1601	14.3
1606-5727	8	0.14	0.00	0.50	4	50.0	0.02	3.50	14	77	5.5
1682-6485	28	0.07	0.00	0.07	1	3.6	0.00	4.37	37	204	5.5
1810-2093	3	0.06	0.04	1.00	3	100.0	0.01	2.33	27	166	6.1
1560-6619	9	0.00	0.00	1.00	7	77.8	0.03	5.00	24	91	3.8
1561-8137	39	0.36	0.00	0.72	16	41.0	0.06	4.29	12	85	7.1
1560-9251	159	0.31	0.05	0.71	28	17.6	0.11	38.00	79	956	12.1
1028-2483	22	0.01	0.03	0.77	9	40.9	0.03	6.67	32	111	3.5
xx3	13	0.03	0.04	0.23	3	23.1	0.01	4.56	28	25	0.9
0254-0010	4	0.03	0.07	1.00	4	100.0	0.02	2.00	15	60	4.0
1029-3159	9	0.12	0.00	0.33	2	22.2	0.01	4.20	10	100	10.0
0258-4697	140	0.12	0.00	0.91	37	26.4	0.14	4.28	167	882	5.3
1023-750x	11	0.02	0.03	0.00	0	0.0	0.00	4.33	32	19	0.6
1013-7661	10	0.00	0.00	0.90	5	50.0	0.02	5.00	9	26	2.9
1024-106x	122	0.26	0.00	0.90	31	25.4	0.12	4.32	31	157	5.1
0258-4700	7	0.03	0.00	1.00	5	71.4	0.02	5.00	34	268	7.9
1608-6961	75	0.40	0.04	0.76	23	30.7	0.09	3.87	25	169	6.8

1011-4564	30	0.07	0.00	0.77	16	53.3	0.06	4.67	60	500	8.3
1028-2424	252	0.36	0.05	0.25	27	10.7	0.10	10.28	40	452	11.3
1021-3155	13	0.12	0.00	0.62	6	46.2	0.02	4.00	23	202	8.8
1562-7640	76	0.30	0.00	0.89	29	38.2	0.11	4.31	24	180	7.5
0047-262x	537	0.63	0.01	0.85	51	9.5	0.19	4.01	81	630	7.8
1816-4749	135	0.09	0.02	0.84	37	27.4	0.14	6.21	155	831	5.4
1606-8351	64	0.23	0.03	0.48	6	9.4	0.02	5.67	30	159	5.3
1726-3603	153	0.19	0.02	0.95	50	32.7	0.19	4.97	153	352	2.3
1028-9496	284	0.28	0.04	0.36	36	12.7	0.14	4.18	159	655	4.1
1683-1624	74	0.29	0.00	0.66	27	36.5	0.10	7.00	90	360	4.0
1684-6478	141	0.04	0.00	0.47	20	14.2	0.08	4.30	268	404	1.5
1029-3132	152	0.51	0.09	0.04	6	3.9	0.02	3.80	44	315	7.2
1013-2511	65	0.20	0.00	0.34	11	16.9	0.04	3.90	35	339	9.7
1682-3141	201	0.03	0.00	0.98	38	18.9	0.14	5.18	32	767	24.0
1018-3841	30	0.32	0.13	0.57	6	20.0	0.02	12.02	8	63	7.9
1018-189X	77	0.43	0.17	0.92	23	29.9	0.09	4.25	24	329	13.7
1017-0669	33	0.06	0.00	0.94	14	42.4	0.05	11.98	50	214	4.3
1023-2842	37	0.02	0.00	0.95	20	54.1	0.08	5.27	47	254	5.4
1012-4195	20	0.03	0.00	0.10	2	10.0	0.01	5.00	15	1542	102.8
1013-2716	39	0.13	0.11	0.46	8	20.5	0.03	4.00	18	619	34.4
1023-7283	80	0.15	0.67	0.70	19	23.8	0.07	4.29	18	268	14.9
1726-3581	11	0.20	0.00	0.45	4	36.4	0.02	8.99	20	135	6.8
1728-5186	55	0.26	0.00	0.69	10	18.2	0.04	5.00	13	730	56.2
1029-0141	39	0.26	0.00	0.23	3	7.7	0.01	4.04	21	245	11.7
1561-8080	340	7.31	0.00	0.02	8	2.4	0.03	2.08	18	240	13.3
1012-5434	39	0.22	0.06	1.00	14	35.9	0.05	4.25	16	135	8.4
1029-8282	130	0.84	0.00	0.65	16	12.3	0.06	4.07	14	91	6.5
1025-1383	5	0.03	0.04	0.00	0	0.0	0.00	3.00	25	113	4.5
1028-7310	9	0.00	0.06	1.00	7	77.8	0.03	5.00	16	118	7.4
0494-5387	14	0.09	0.11	0.64	7	50.0	0.03	3.67	19	271	14.3
1666-0040	42	0.09	0.13	0.83	7	16.7	0.03	6.33	8	26	3.3
0259-3750	7	0.18	0.00	0.57	3	42.9	0.01	8.00	19	268	14.1

1019-8636	26	0.56	0.00	1.00	11	42.3	0.04	13.99	9	55	6.1
1028-7337	37	0.19	0.00	0.89	13	35.1	0.05	5.75	11	79	7.2
1016-3212	27	0.01	0.00	0.59	9	33.3	0.03	6.50	28	436	15.6
1023-9820	38	0.24	0.05	0.71	8	21.1	0.03	3.25	37	424	11.5
1018-3892	56	0.28	0.09	0.50	12	21.4	0.05	8.40	22	421	19.1
1684-5153	58	0.94	0.00	0.76	7	12.1	0.03	10.67	22	75	3.4
1023-2869	14	0.14	0.00	1.00	8	57.1	0.03	4.43	5	38	7.6
0583-0249	27	0.26	0.00	0.78	10	37.0	0.04	4.67	20	180	9.0
1026-4485	49	0.16	1.06	0.43	21	42.9	0.08	3.43	16	261	16.3
1022-2898	5	0.08	0.00	1.00	4	80.0	0.02	3.33	12	81	6.8
0591-2539	135	0.60	0.03	0.76	19	14.1	0.07	4.27	36	471	13.1
1018-3825	62	0.32	0.03	0.63	17	27.4	0.06	4.36	29	305	10.5
1011-5714	40	0.24	0.00	0.63	17	42.5	0.06	4.00	20	193	9.7
1560-8298	25	0.19	0.00	0.28	6	24.0	0.02	14.00	15	115	7.7
1028-8708	71	0.53	0.10	0.87	13	18.3	0.05	8.59	20	309	15.5
1024-9885	35	0.17	0.03	0.86	17	48.6	0.06	3.50	29	249	8.6
1563-3527	15	0.03	0.06	0.73	7	46.7	0.03	5.50	16	128	8.0
1018-1067	73	0.30	0.05	0.67	17	23.3	0.06	7.00	20	911	45.6
1609-4905	20	0.19	0.00	0.80	14	70.0	0.05	5.00	12	28	2.3
1016-1007	48	0.16	0.00	0.73	11	22.9	0.04	4.00	30	189	6.3
1018-1687	15	0.37	0.00	0.73	6	40.0	0.02	3.11	8	67	8.4
1018-1245	20	0.38	0.11	0.95	10	50.0	0.04	7.00	9	44	4.9
1018-161x	23	0.06	0.10	0.87	15	65.2	0.06	4.00	21	98	4.7
1018-3833	31	0.04	0.00	0.84	12	38.7	0.05	4.33	24	112	4.7
1608-5752	35	0.13	0.00	0.54	11	31.4	0.04	23.98	47	559	11.9
0546-9600	23	0.16	0.00	0.70	8	34.8	0.03	12.00	14	296	21.1
1027-7757	18	0.29	0.00	0.89	6	33.3	0.02	4.00	14	149	10.6
1011-520X	19	0.41	0.00	0.84	4	21.1	0.02	3.33	10	62	6.2
1017-7159	44	0.14	0.09	0.45	11	25.0	0.04	4.80	22	100	4.5
1027-2275	25	0.05	1.06	0.20	2	8.0	0.01	2.40	16	78	4.9
1816-6598	3	0.12	0.00	0.33	1	33.3	0.00	4.00	20	415	20.8
1021-9447	50	0.20	0.08	0.86	28	56.0	0.11	4.16	24	195	8.1

1023-9863	10	0.00	0.00	0.80	7	70.0	0.03	7.00	23	191	8.3
0255-9838	57	0.11	0.00	0.93	26	45.6	0.10	18.03	44	393	8.9
1018-1601	11	0.03	0.00	0.91	7	63.6	0.03	7.00	16	97	6.1
1681-5939	8	0.05	0.00	0.88	5	62.5	0.02	7.00	15	144	9.6
1727-1878	3	0.12	0.00	0.67	2	66.7	0.01	3.00	10	102	10.2
1606-4682	10	0.12	0.00	0.70	2	20.0	0.01	4.33	8	70	8.8
1023-2141	60	0.13	0.00	1.00	29	48.3	0.11	5.71	55	222	4.0
1021-9528	148	0.18	0.75	0.59	26	17.6	0.10	4.10	52	89	1.7
1680-2969	57	0.77	0.08	0.67	18	31.6	0.07	3.91	12	99	8.3
1011-2219	47	0.34	0.05	0.70	14	29.8	0.05	4.40	22	131	6.0
1027-0221	51	0.62	0.20	0.86	9	17.6	0.03	4.14	10	90	9.0
1680-2004	14	0.24	0.00	0.71	8	57.1	0.03	4.17	10	168	16.8
1729-8849	11	0.05	0.02	1.00	7	63.6	0.03	7.00	51	27	0.5
1028-3684	58	0.14	0.00	0.81	20	34.5	0.08	6.11	38	534	14.1
1560-1696	30	0.41	0.00	0.20	4	13.3	0.02	2.17	30	426	14.2
1021-3058	32	0.24	0.06	0.63	10	31.3	0.04	6.00	18	408	22.7
1560-1277	40	0.14	0.03	0.83	14	35.0	0.05	4.10	39	276	7.1
1025-7551	96	0.89	0.15	0.67	10	10.4	0.04	7.11	13	79	6.1
1680-435x	1	0.00	0.00	0.00	0	0.0	0.00	5.00	10	76	7.6
1023-280X	31	0.12	0.00	0.87	14	45.2	0.05	5.50	18	169	9.4
1017-1819	12	0.04	0.00	0.08	1	8.3	0.00	4.33	28	118	4.2
1025-5273	25	0.16	0.06	0.24	4	16.0	0.02	6.00	16	177	11.1
1726-9350	8	0.12	0.05	0.63	1	12.5	0.00	1.50	42	196	4.7
1026-7247	6	0.23	0.00	0.83	3	50.0	0.01	3.00	15	145	9.7
1027-507x	26	0.18	0.00	0.31	7	26.9	0.03	4.82	20	211	10.6

Table 14-2. The Source Title of 2006 TSCI Journal Citation Report.

ISSN	Source Title
0254-1319	Acta Anaesthesiologica Taiwanica
1013-1671	Acta Nephrologica
1019-6099	Acta Neurologica Taiwanica
1608-8115	Acta Paediatrica Taiwanica
1684-0925	BioFormosa 生物學報
0006-8063	Botanical Bulletin of Academia Sinica 植物學研究
1381-3390	Clinical Neonatology 臨床新生兒醫學雜誌
1726-2364	Electronic Commerce Studies 電子學商務研究
1011-6788	Formosan Journal of Surgery 臺灣外科醫學會雜誌
1013-2732	Fungal Science 中華真菌學會會刊
1727-2394	International Journal of Applied Science and Engineering 國際應用科學與工程學刊
1028-9488	Journal of Grey System 灰色系統學刊
1016-2364	JournalofInformationScienceandEngineering
1023-2796	Journal of Marine Science and Technology 海洋學刊
1609-0985	Journal of Medical and Biological Engineering 中華醫學工程學刊
0929-6441	JournalofMedicalUltrasound 醫用超音波雜誌
a0000142	Formosan Journal of Rheumatology 中華民國風濕病雜誌
0253-3839	Journal of the Chinese Institute of Engineers 中國工程學刊
0929-6646	Journal of the Formosan Medical Association 臺灣醫學會雜誌
1560-1587	Taiwan Journal of Oral Medicine & Health Sciences 臺灣口腔醫學衛生科學雜誌
1028-4559	TaiwaneseJournalofObstetrics&Gynecology 臺灣婦產科醫學會會刊雜誌
0372-333X	TAIWANIA 植物科學期刊
1017-0839	Terrestrial, Atmospheric and Oceanic Sciences (TAO)
0304-4920	The Chinese Journal of Physiology 中國生理學雜誌
0257-5655	The Kaohsiung Journal of Medical Sciences 高雄醫學科學雜誌
0254-0002	大氣科學
1560-3822	大專體育
1563-3470	大專體育學刊
1680-3108	中山醫學雜誌
1027-376x	中文計算語言學期刊

0529-6528	中國統計學報
1023-4535	中國造船工程學刊

1022-7636	中國環境工程學刊
0255-6073	中華水土保持學報
a0000234	中華民國內分泌暨糖尿病學會會刊
1027-9962	臺灣牙周病醫學會雜誌
1023-2214	中華民國急救加護醫學會雜誌
1683-9595	中華民國航空醫學暨科學期刊
1021-3120	中華民國眼科醫學會雜誌
1011-6958	臺灣營養學會雜誌
0253-8946	中華民國雜草學會會刊
1027-8117	中華皮膚雜誌
0578-1345	中華林學季刊
1683-5875	中華針灸醫學會雜誌
1023-3660	中華職業醫學雜誌
0257-554x	中興工程
1607-7423	中醫兒科醫學雜誌
1017-6446	中醫藥雜誌
1016-7390	內科學誌
1015-8359	化工
0441-3768	化學
1606-2604	水資源管理會刊
1810-2549	北市醫學雜誌
1022-9671	石油季刊
1025-5222	全球變遷通訊雜誌
1812-7266	安寧療護雜誌
1025-7683	自來水會刊雜誌
1607-2928	自然保育季刊
1012-3407	技術學刊
1727-1231	中央警察大學災害防救學報
1016-2356	防蝕工程
a0000141	呼吸治療
a0000474	坡地防災學報

1023-988x	放射治療與腫瘤學
1563-2555	物理治療
2072-0939	長庚醫誌
1026-7301	長庚護理
1561-2546	長期照護雜誌
1022-0690	品質學報
1606-8238	建築與規劃學報
1563-356x	中華民國重症醫學雜誌
0255-5778	氣象學報
1561-3771	特有生物研究
0253-9290	畜產研究
2076-8680	粉末冶金會刊
1023-9855	胸腔醫學
1021-8661	航測及遙測學刊
1812-4313	航運季刊
1683-0903	高雄護理雜誌
1561-3852	健康促進暨衛生教育雜誌
1811-1947	健康管理學刊
1017-5733	動物園學報
1024-9877	勞工安全衛生研究季刊
1729-3332	設計與環境學報
1562-2746	植物種苗
1021-7878	結構工程
a0000067	腎臟與透析
1016-3190	慈濟醫學雜誌
1727-3269	感染控制雜誌
1563-1230	新臺北護理期刊
1683-9544	腫瘤護理雜誌
1729-6056	資訊安全通訊
0550-3744	農林學報
xx5	農業推廣文彙
1019-0430	農業機械學刊
1814-2869	實證護理

0258-4727	榮總護理
a000-0021	臺灣口腔顎面外科學會雜誌
1817-6720	臺灣中醫臨床醫學雜誌
0492-1505	臺灣水利
1019-6102	臺灣耳鼻喉頭頸外科雜誌
1680-7650	臺灣昆蟲
1026-4469	臺灣林業科學
1562-3386	臺灣急診醫學會醫誌
1682-3281	臺灣家庭醫學雜誌
1025-3009	臺灣復健醫學雜誌
1726-7404	臺灣腎臟護理學會雜誌
1605-2471	臺灣農業化學與食品科學
0022-4847	臺灣農業研究
1814-5108	臺灣運動心理學報
1027-5096	臺灣臨床藥學雜誌
1028-1916	臺灣醫學
1606-5727	臺灣醫學人文學刊
1682-6485	臺灣獸醫學雜誌
1810-2093	輔仁醫學期刊
1560-6619	領導護理
1561-8137	學校衛生
1560-9251	應用心理研究
1028-2483	應用倫理評論
xx3	營建管理季刊
0254-0010	環境保護
1029-3159	環境與世界
0258-4697	臨床醫學
1023-750x	鍛造
1013-7661	職能治療學會雜誌
1024-106x	醫院雜誌
0258-4700	醫藥學
1608-6961	醫務管理期刊

1011-4564	醫學研究
1028-2424	醫學教育
1021-3155	醫療資訊雜誌
1562-7640	醫護科技學刊
0047-262x	護理雜誌
1816-4749	當代醫學
1606-8351	林業研究季刊
1726-3603	臺灣醫界
1028-9496	社區發展季刊
1683-1624	志為護理-慈濟護理雜誌
1684-6478	諮商與輔導
1029-3132	Asia Pacific Management Review
1013-2511	Issues & Studies
1682-3141	The Journal of Nursing Research
1018-3841	人口學刊
1018-189X	人文及社會科學集刊
1017-0669	工業工程學刊
1023-2842	中山管理評論
1012-4195	中央研究院歷史語言研究所集刊
1013-2716	中國大陸研究
1023-7283	中華心理衛生學刊
1726-3581	中華傳播學刊
1728-5186	中華輔導與諮商學報
1029-0141	公平交易季刊
1561-8080	公共行政學報
1012-5434	戶外遊憩研究
1029-8282	本土心理學研究
1025-1383	民俗曲藝
1028-7310	交大管理學報
0494-5387	地理學報
1666-0040	住宅學報
0259-3750	東吳法律學報

1019-8636	東吳政治學報
1028-7337	社會政策與社會工作學刊
1016-3212	建築學報
1023-9820	政大法學評論
1018-3892	政治科學論叢
1684-5153	政治與社會哲學評論
1023-2869	政治學報
0583-0249	師大學報
1026-4485	特殊教育研究學刊
1022-2898	財務金融學刊
0591-2539	問題與研究
1018-3825	國立臺灣大學法學論叢
1011-5714	教育心理學報
1560-8298	教育政策論壇
1028-8708	教育研究集刊
1024-9885	教育與心理研究
1563-3527	教育學刊
1018-1067	都市與計劃
1609-4905	測驗學刊
1016-1007	新聞學研究
1018-1687	會計評論
1018-1245	經濟研究
1018-161x	經濟論文
1018-3833	經濟論文叢刊
1608-5752	資訊管理學報
0546-9600	應用經濟論叢
1027-7757	農業經濟叢刊
1011-520X	農業與經濟
1017-7159	運輸計劃季刊
1027-2275	運輸學刊
1816-6598	電子商務學報
1021-9447	管理評論

1023-9863	管理與系統
0255-9838	管理學報
1018-1601	臺大管理論叢
1681-5939	臺北大學法學論叢
1727-1878	臺灣人類學刊
1606-4682	臺灣土地研究
1023-2141	臺灣公共衛生雜誌
1021-9528	臺灣社會研究
1680-2969	臺灣社會學
1011-2219	臺灣社會學刊
1027-0221	臺灣政治學刊
1680-2004	臺灣教育社會學研究
1729-8849	臺灣經濟預測與政策
1028-3684	臺灣精神醫學
1560-1696	遠景基金會季刊
1021-3058	歐美研究
1560-1277	課程與教學季刊
1025-7551	選舉研究
1680-435x	藝術教育研究
1023-280X	證券市場發展季刊
1017-1819	International Journal of Information and Management Sciences
1025-5273	觀光休閒學報
1726-9350	臺灣民主季刊
1026-7247	東海大學法學研究
1027-507x	科學教育學刊

CHAPTER VI. **2007 TSCI Journal Citation Report**

Over 400,000 references were collected and processed by our team members. At least 20 persons and US70,000 were applied for this TSCI project. In the 2007 TSCI journal citation report, all the factors are listed as the following. The calculation methods were also illustrated as the following.

TC: Total Cites
(All accumulated cited counts since the first issue of the journal)

IF: Impact Factor
(All cited counts by other journals within 2 years / The article numbers published by the calculating journal within 2 years)

II: Immediacy Index
(All cited counts by other journals within 1 year / The article numbers published by the calculating journal within 1 year)

ES: Exclude Self-Citation Rate
(All the cited counts by other journals / All the cited counts by all journals)

CS: Cited Sources
(The cited source numbers.)

SF: Spread Factor
(The total cited source numbers * 100 / The total cited counts)

SD: Subject Diffusion Index
(The cited source numbers in the same filed / All cited source numbers)

HL: Cited Half-life
(Median age of the citations produced by a journal during the JCR year)

SI: Source Item
(All the article numbers for the calculating source journal)

AR: All References
(All the citing references numbers for the calculating source journal)

AG (Average Cited Counts)
(All citing references numbers / All the article numbers in the source journal)

Table 15-1. The 2007 TSCI Journal Citation Report.

ISSN	TC	IF	II	ES	CS	SF	SD	HL	SI	AR	AG
02541319	7	0.02	0.08	0.14	1	14.3	0.00	3.0	50	511	10.2
10131671	22	0.04	0.02	0.95	12	54.5	0.05	6.3	44	334	7.6
10196099	6	0.01	0.00	0.83	4	66.7	0.02	4.0	45	1104	24.5
16088115	27	0.01	0.02	0.93	15	55.6	0.06	8.0	58	579	10.0
16840925	15	0.21	0.15	0.60	4	26.7	0.02	3.1	13	106	8.2
1817406X	7	0.01	0.01	1.00	4	57.1	0.02	4.0	76	487	6.4
13813390	13	0.00	0.00	1.00	9	69.2	0.03	5.3	16	89	5.6
17262364	5	0.09	0.00	0.40	2	40.0	0.01	6.0	22	317	14.4
10116788	1	0.00	0.00	1.00	1	100.0	0.00	4.0	52	351	6.8
10132732	14	0.05	0.00	0.71	4	28.6	0.02	5.0	7	34	4.9
17272394	7	0.08	0.04	0.43	3	42.9	0.01	3.7	24	149	6.2
10289488	116	1.07	0.11	0.28	14	12.1	0.05	5.2	18	165	9.2
10162364	21	0.01	0.01	0.52	7	33.3	0.03	5.1	94	366	3.9
10232796	34	0.07	0.03	0.53	6	17.6	0.02	13.0	30	186	6.2
16090985	9	0.03	0.00	0.33	3	33.3	0.01	4.4	28	257	9.2
09296441	9	0.00	0.00	0.56	4	44.4	0.02	5.0	16	225	14.1
a0000142	12	0.00	0.00	0.83	10	83.3	0.04	10.0	17	155	9.1
02533839	69	0.06	0.01	0.62	14	20.3	0.05	8.0	123	998	8.1
09296646	49	0.01	0.01	1.00	20	40.8	0.08	4.3	163	1576	9.7
15601587	11	0.00	0.00	0.36	4	36.4	0.02	4.1	9	65	7.2
10284559	31	0.09	0.04	0.23	6	19.4	0.02	8.0	82	626	7.6
0372333X	97	0.03	0.00	0.41	11	11.3	0.04	4.8	47	278	5.9
10170839	98	0.40	0.00	0.19	9	9.2	0.03	4.0	58	2750	47.4
03044920	12	0.05	0.00	1.00	7	58.3	0.03	4.2	41	1213	29.6
02575655	118	0.08	0.00	0.81	44	37.3	0.17	5.6	100	671	6.7
02540002	59	0.14	0.11	0.14	4	6.8	0.02	5.6	19	170	8.9
15603822	320	0.11	0.01	0.26	28	8.8	0.11	5.8	191	999	5.2
15633470	118	0.30	0.00	0.65	15	12.7	0.06	5.4	52	428	8.2
16803108	38	0.02	0.00	0.87	18	47.4	0.07	4.2	28	852	30.4

1027376x	11	0.15	0.00	0.09	1	9.1	0.00	2.5	22	103	4.7
05296528	20	0.04	0.00	0.60	9	45.0	0.03	5.0	21	97	4.6
10234535	21	0.13	0.00	0.00	0	0.0	0.00	12.0	23	182	7.9
10227636	5	0.02	0.00	1.00	3	60.0	0.01	6.5	21	432	20.6
02556073	107	0.20	0.02	0.46	12	11.2	0.05	5.0	41	83	2.0
a0000234	20	0.03	0.00	1.00	11	55.0	0.04	7.1	24	320	13.3
10279962	34	0.12	0.00	0.09	2	5.9	0.01	5.0	27	387	14.3
10232214	12	0.06	0.00	0.92	9	75.0	0.03	6.0	25	140	5.6
16839595	12	0.08	0.17	0.00	0	0.0	0.00	3.0	18	59	3.3
10213120	19	0.05	0.00	0.79	6	31.6	0.02	5.7	52	341	6.6
10116958	38	0.05	0.00	0.66	17	44.7	0.06	6.3	26	219	8.4
02538946	13	0.10	0.00	0.15	2	15.4	0.01	4.2	10	40	4.0
10278117	3	0.01	0.00	0.50	1	33.3	0.00	5.0	66	372	5.6
16849418	3	0.02	0.00	0.00	0	0.0	0.00	5.0	17	98	5.8
05781345	57	0.01	0.00	0.61	4	7.0	0.02	7.0	43	821	19.1
16835875	7	0.05	0.00	0.57	3	42.9	0.01	6.0	20	163	8.2
10233660	75	0.08	0.00	0.72	27	36.0	0.10	6.7	27	154	5.7
0257-554x	7	0.03	0.01	0.29	2	28.6	0.01	6.0	67	45	0.7
16077423	7	0.00	0.00	1.00	6	85.7	0.02	6.2	17	375	22.1
10176446	25	0.11	0.00	0.40	5	20.0	0.02	5.0	15	112	7.5
10167390	37	0.01	0.00	0.89	16	43.2	0.06	5.2	42	651	15.5
10158359	7	0.01	0.00	0.14	1	14.3	0.00	5.3	76	476	6.3
04413768	65	0.13	0.00	0.03	2	3.1	0.01	6.0	39	940	24.1
16062604	21	0.20	0.00	0.71	7	33.3	0.03	5.2	10	54	5.4
18102549	45	0.15	0.00	0.62	17	37.8	0.06	2.3	143	979	6.8
10229671	21	0.07	0.03	0.19	3	14.3	0.01	4.0	34	170	5.0
10255222	10	0.04	0.00	0.35	6	60.0	0.02	4.0	23	98	4.3
18127266	188	0.56	0.00	0.41	20	10.6	0.08	31.0	32	337	10.5
10257683	6	0.04	0.00	0.00	0	0.0	0.00	5.0	29	49	1.7
16072928	18	0.03	0.00	1.00	9	50.0	0.03	5.7	55	0	0.0
10123407	22	0.04	0.00	0.41	9	40.9	0.03	5.4	44	278	6.3
17271231	12	0.06	0.00	0.08	1	8.3	0.00	10.0	20	126	6.3
10162356	11	0.05	0.00	0.00	0	0.0	0.00	5.0	42	68	1.6

19912609	11	0.17	0.00	0.82	5	45.5	0.02	3.4	6	99	16.5
a0000474	3	0.04	0.00	0.00	1	33.3	0.00	3.3	6	52	8.7
1023988x	8	0.02	0.00	1.00	5	62.5	0.02	5.0	28	239	8.5
15632555	53	0.22	0.00	0.47	14	26.4	0.05	4.5	39	452	11.6
20720939	13	0.00	0.00	1.00	9	69.2	0.03	5.3	83	872	10.5
10267301	260	0.23	0.00	0.86	47	18.1	0.18	5.2	54	453	8.4
15612546	103	0.31	0.05	0.61	18	17.5	0.07	4.3	40	442	11.1
10220690	14	0.11	0.00	0.36	5	35.7	0.02	5.0	30	198	6.6
16068238	9	0.11	0.00	0.78	5	55.6	0.02	8.0	8	56	7.0
18166563	1	0.00	1.00	0.00	0	0.0	0.00	1.0	36	200	5.6
1563356x	64	0.08	0.00	1.00	20	31.3	0.08	5.3	25	277	11.1
02555778	11	0.12	0.00	0.45	4	36.4	0.02	5.0	11	13	1.2
15613771	20	0.19	0.06	0.25	4	20.0	0.02	4.0	17	154	9.1
02539290	90	0.23	0.00	0.04	4	4.4	0.02	4.9	26	158	6.1
xx2	20	0.06	0.09	0.05	1	5.0	0.00	3.6	34	56	1.6
10239855	15	0.00	0.00	0.93	7	46.7	0.03	6.3	80	452	5.7
10218661	27	0.11	0.03	0.22	4	14.8	0.02	6.0	37	138	3.7
18124313	26	0.26	0.06	0.27	1	3.8	0.00	3.3	18	211	11.7
16830903	29	0.12	0.00	0.79	10	34.5	0.04	5.6	24	169	7.0
15613852	121	0.22	0.07	0.74	34	28.1	0.13	5.2	15	196	13.1
18111947	8	0.16	0.00	0.75	4	50.0	0.02	2.0	17	120	7.1
10175733	13	0.06	0.00	0.23	3	23.1	0.01	13.0	7	39	5.6
10249877	40	0.06	0.00	0.75	17	42.5	0.06	13.0	32	323	10.1
17293332	12	0.17	0.00	1.00	5	41.7	0.02	4.0	7	39	5.6
15622746	11	0.04	0.00	0.36	2	18.2	0.01	6.3	20	97	4.9
10217878	59	0.11	0.00	0.12	4	6.8	0.02	18.0	34	53	1.6
a0000067	57	0.04	0.00	0.75	10	17.5	0.04	6.6	40	587	14.7
10163190	80	0.03	0.00	0.95	40	50.0	0.15	5.0	143	3341	23.4
17273269	44	0.12	0.00	1.00	19	43.2	0.07	3.5	60	377	6.3
15631230	72	0.21	0.00	0.83	16	22.2	0.06	13.5	20	222	11.1
16839544	31	0.14	0.00	0.84	9	29.0	0.03	5.1	14	53	3.8
17296056	10	0.00	0.00	0.90	5	50.0	0.02	5.2	25	236	9.4
05503744	12	0.02	0.00	0.75	5	41.7	0.02	6.1	19	156	8.2

xx5	33	0.12	0.00	0.24	1	3.0	0.00	4.2	24	113	4.7
10190430	35	0.25	0.19	0.29	4	11.4	0.02	3.0	16	92	5.8
18142869	12	0.28	0.09	0.58	6	50.0	0.02	1.5	35	430	12.3
02584727	278	0.29	0.00	0.89	43	15.5	0.16	5.0	50	411	8.2
16079264	1	0.00	0.00	1.00	1	100.0	0.00	4.0	49	99	2.0
a0000021	10	0.00	0.00	0.00	0	0.0	0.00	5.5	16	172	10.8
18176720	23	0.03	0.00	0.70	9	39.1	0.03	5.6	47	180	3.8
04921505	75	0.16	0.00	0.15	11	14.7	0.04	9.0	35	85	2.4
10196102	2	0.01	0.00	0.50	1	50.0	0.00	3.0	38	283	7.4
16807650	9	0.05	0.00	1.00	7	77.8	0.03	5.3	35	212	6.1
10264469	83	0.12	0.02	0.99	15	18.1	0.06	9.3	49	663	13.5
10163220	1	0.02	0.00	1.00	1	100.0	0.00	2.0	28	146	5.2
15623386	22	0.02	0.00	0.77	11	50.0	0.04	7.0	25	188	7.5
16823281	44	0.22	0.04	0.77	21	47.7	0.08	6.5	25	300	12.0
10253009	37	0.09	0.00	0.86	20	54.1	0.08	9.3	38	723	19.0
17267404	27	0.14	0.00	0.48	6	22.2	0.02	5.1	14	128	9.1
16052471	57	0.03	0.00	0.26	10	17.5	0.04	5.3	48	360	7.5
00224847	18	0.08	0.00	0.33	5	27.8	0.02	5.0	24	108	4.5
18145108	12	0.12	0.00	0.67	4	33.3	0.02	4.5	11	151	13.7
1027-5096	16	0.05	0.00	0.69	8	50.0	0.03	5.5	30	236	7.9
10281916	361	0.16	0.07	0.85	61	16.9	0.23	5.4	95	936	9.9
16065727	14	0.16	0.00	0.71	8	57.1	0.03	4.0	12	221	18.4
16826485	32	0.05	0.00	0.09	2	6.3	0.01	5.3	41	446	10.9
18102093	6	0.04	0.00	1.00	5	83.3	0.02	3.3	28	181	6.5
15606619	20	0.09	0.00	0.85	11	55.0	0.04	5.0	11	217	19.7
15618137	54	0.37	0.00	0.70	18	33.3	0.07	8.0	8	113	14.1
15609251	223	0.12	0.00	0.74	37	16.6	0.14	8.3	52	262	5.0
10282483	25	0.04	0.00	0.72	10	40.0	0.04	6.5	32	109	3.4
xx3	20	0.04	0.00	0.40	7	35.0	0.03	5.3	32	93	2.9
02540010	9	0.13	0.00	0.56	5	55.6	0.02	5.0	14	67	4.8
10293159	13	0.16	0.00	0.38	4	30.8	0.02	8.0	8	53	6.6
02584697	196	0.06	0.01	0.90	45	23.0	0.17	4.8	176	1168	6.6
1023750x	16	0.03	0.00	0.06	1	6.3	0.00	5.0	15	63	4.2

10137661	12	0.00	0.00	0.92	6	50.0	0.02	5.0	6	57	9.5
1024106x	160	0.18	0.00	0.93	37	23.1	0.14	5.1	32	201	6.3
02584700	11	0.02	0.00	0.91	7	63.6	0.03	5.0	33	241	7.3
16086961	121	0.42	0.00	0.77	31	25.6	0.12	4.5	25	518	20.7
10114564	36	0.07	0.02	0.74	20	55.6	0.08	4.1	47	348	7.4
10282424	335	0.47	0.05	0.27	32	9.6	0.12	6.7	40	337	8.4
10213155	16	0.02	0.00	0.69	9	56.3	0.03	5.2	28	514	18.4
15627640	119	0.34	0.00	0.93	42	35.3	0.16	6.7	28	339	12.1
0047262x	782	0.71	0.00	0.84	60	7.7	0.23	5.8	81	951	11.7
xx1	204	0.11	0.03	0.84	48	23.5	0.18	5.3	149	1060	7.1
16068351	85	0.12	0.03	0.52	10	11.8	0.04	5.2	30	145	4.8
17263603	210	0.14	0.00	0.96	68	32.4	0.26	5.3	65	421	6.5
10289496	403	0.30	0.02	0.45	54	13.4	0.20	6.2	85	419	4.9
16831624	146	0.20	0.01	0.86	40	27.4	0.15	5.3	149	326	2.2
16846478	210	0.05	0.01	0.57	32	15.2	0.12	38.9	266	358	1.3
10293132	212	0.52	0.00	0.06	12	5.7	0.05	4.2	28	259	9.3
10132511	110	0.31	0.11	0.35	17	15.5	0.06	4.3	28	533	19.0
16823141	269	0.00	0.00	0.99	47	17.5	0.18	6.1	28	374	13.4
1018-3841	50	0.42	0.00	0.58	11	22.0	0.04	4.1	9	113	12.6
1018189X	119	0.38	0.16	0.91	35	29.4	0.13	5.0	19	136	7.2
10170669	41	0.04	0.00	0.95	17	41.5	0.06	5.2	53	446	8.4
10232842	61	0.06	0.03	0.97	32	52.5	0.12	21.9	32	250	7.8
10124195	37	0.20	0.07	0.08	3	8.1	0.01	5.0	15	1321	88.1
10132716	77	0.47	0.09	0.53	13	16.9	0.05	4.6	23	347	15.1
10237283	132	0.66	0.00	0.79	27	20.5	0.10	5.2	16	133	8.3
17263581	22	0.22	0.00	0.64	4	18.2	0.02	4.5	23	174	7.6
17285186	79	0.35	0.08	0.71	18	22.8	0.07	5.4	13	173	13.3
10290141	46	0.08	0.00	0.24	5	10.9	0.02	5.0	19	125	6.6
15618080	364	6.90	0.08	0.07	18	4.9	0.07	3.2	24	270	11.3
10125434	93	0.66	0.13	1.00	21	22.6	0.08	23.1	16	275	17.2
10298282	165	0.86	0.08	0.64	22	13.3	0.08	42.8	12	151	12.6
10251383	13	0.07	0.00	0.00	0	0.0	0.00	8.0	24	143	6.0
10287310	15	0.04	0.00	1.00	12	80.0	0.05	8.0	17	118	6.9
04945387	34	0.44	0.00	0.56	11	32.4	0.04	7.0	20	429	21.5

16660040	44	0.24	0.00	0.82	7	15.9	0.03	6.4	9	65	7.2
02593750	14	0.23	0.00	0.64	5	35.7	0.02	8.0	9	211	23.4
10198636	41	0.16	0.00	0.95	15	36.6	0.06	14.7	15	188	12.5
10287337	55	0.33	0.00	0.89	15	27.3	0.06	6.4	9	89	9.9
10163212	52	0.27	0.00	0.35	11	21.2	0.04	4.4	36	446	12.4
10239820	55	0.23	0.03	0.73	10	18.2	0.04	4.1	36	375	10.4
10183892	84	0.50	0.00	0.57	20	23.8	0.08	4.6	23	372	16.2
16845153	83	0.96	0.00	2.61	14	16.9	0.05	12.1	8	393	49.1
10232869	20	0.07	0.25	1.00	11	55.0	0.04	5.4	4	167	41.8
05830249	49	0.26	0.00	0.78	18	36.7	0.07	17.0	25	248	9.9
10264485	98	0.95	0.04	0.51	21	21.4	0.08	3.4	25	261	10.4
10222898	18	0.17	0.00	0.72	7	38.9	0.03	4.5	5	219	43.8
05912539	185	0.49	0.10	0.72	26	14.1	0.10	5.1	29	429	14.8
10183825	92	0.36	0.04	0.65	19	20.7	0.07	4.2	27	372	13.8
10115714	69	0.28	0.14	0.62	21	30.4	0.08	4.8	22	363	16.5
15608298	51	0.57	0.06	0.70	10	19.6	0.04	4.1	32	421	13.2
10288708	127	0.66	0.00	0.86	20	15.7	0.08	7.2	23	243	10.6
10249885	87	0.37	0.20	0.74	25	28.7	0.09	4.3	5	305	61.0
15633527	30	0.08	0.06	0.83	14	46.7	0.05	5.1	18	188	10.4
10181067	112	0.45	0.00	0.64	23	20.5	0.09	4.9	16	247	15.4
16094905	35	0.17	0.08	0.74	20	57.1	0.08	4.6	13	135	10.4
10161007	82	0.27	0.00	0.65	21	25.6	0.08	5.7	20	293	14.7
10181687	32	0.25	0.00	0.66	12	37.5	0.05	4.8	9	100	11.1
18144810	3	0.05	0.00	1.00	2	66.7	0.01	2.0	27	384	14.2
10181245	28	0.44	0.00	0.96	15	53.6	0.06	4.8	8	38	4.8
1018161x	37	0.07	0.00	0.78	16	43.2	0.06	4.9	17	115	6.8
10183833	68	0.23	0.00	0.88	30	44.1	0.11	5.1	15	112	7.5
16085752	47	0.05	0.00	0.62	18	38.3	0.07	8.6	48	332	6.9
05469600	53	0.41	0.00	0.60	14	26.4	0.05	5.1	10	301	30.1
10277757	39	0.83	0.00	0.85	9	23.1	0.03	8.0	10	83	8.3
1011520X	33	0.37	0.00	0.91	11	33.3	0.04	9.0	10	83	8.3
10177159	69	0.32	0.00	0.45	13	18.8	0.05	4.0	19	288	15.2
10272275	37	0.66	0.00	0.38	2	5.4	0.01	2.0	16	106	6.6
18166598	3	0.06	0.00	0.33	1	33.3	0.00	5.0	22	338	15.4

10219447	75	0.29	0.05	0.89	39	52.0	0.15	6.7	21	263	12.5
10239863	23	0.04	0.00	0.78	16	69.6	0.06	5.7	24	183	7.6
02559838	109	0.17	0.11	0.96	43	39.4	0.16	4.9	37	387	10.5
10181601	23	0.09	0.00	0.87	14	60.9	0.05	5.5	15	162	10.8
16815939	12	0.04	0.00	0.75	5	41.7	0.02	5.7	4	227	56.8
17271878	4	0.04	0.00	0.50	2	50.0	0.01	3.5	8	67	8.4
16064682	15	0.06	0.00	0.73	7	46.7	0.03	5.1	8	62	7.8
10232141	92	0.08	0.00	1.00	41	44.6	0.15	5.8	50	574	11.5
10219528	225	0.67	0.04	0.67	42	18.7	0.16	23.7	46	234	5.1
16802969	107	1.00	0.00	0.75	30	28.0	0.11	4.1	8	130	16.3
10112219	82	0.50	0.00	0.79	24	29.3	0.09	4.8	17	102	6.0
10270221	81	0.42	0.00	0.90	16	19.8	0.06	8.4	11	124	11.3
16802004	44	0.68	0.00	0.77	12	27.3	0.05	12.4	8	126	15.8
17298849	21	0.06	0.07	0.86	10	47.6	0.04	8.0	15	100	6.7
10283684	86	0.14	0.03	0.77	28	32.6	0.11	5.4	36	281	7.8
15601696	42	0.26	0.00	0.40	7	16.7	0.03	3.3	25	389	15.6
10213058	50	0.35	0.00	0.70	18	36.0	0.07	4.7	17	574	33.8
15601277	58	0.15	0.03	0.81	16	27.6	0.06	4.6	39	348	8.9
10257551	193	0.92	0.09	0.78	19	9.8	0.07	5.3	11	64	5.8
1680435x	3	0.05	0.00	0.33	1	33.3	0.00	4.0	8	69	8.6
1023280X	65	0.24	0.00	0.88	21	32.3	0.08	5.5	23	157	6.8
10171819	22	0.05	0.00	0.18	3	13.6	0.01	4.6	28	137	4.9
10255273	32	0.23	0.06	0.28	7	21.9	0.03	4.1	16	261	16.3
17269350	24	0.23	0.07	0.67	11	45.8	0.04	2.4	42	501	11.9
10267247	16	0.27	0.00	0.69	7	43.8	0.03	3.3	12	102	8.5
1027507x	48	0.13	0.04	0.42	15	31.3	0.06	5.5	25	215	8.6

Table 15-2. The Source Title of 2007 TSCI Journal Citation Report.

ISSN	Source Title
02541319	Acta Anaesthesiologica Taiwanica
10131671	Acta Nephrologica
10196099	Acta Neurologica Taiwanica
16088115	Acta Paediatrica Taiwanica
16840925	Bio Formosa
1817406X	Botanical Studies
13813390	Clinical Neonatology
17262364	Electronic Commerce Studies
10116788	Formosan Journal of Surgery
10132732	Fungal Science
17272394	International Journal of Applied Science and Engineering
10289488	Journal of Grey System
10162364	Journal of Information Science and Engineering
10232796	Journal of Marine Science and Technology
16090985	Journal of Medical and Biological Engineering
09296441	Journal of Medical Ultrasound
a0000142	Formosan Journal of Rheumatology
02533839	Journal of the Chinese Institute of Engineers
09296646	Journal of the Formosan Medical Association
15601587	Taiwan Journal of Oral Medicine & Health Sciences
10284559	Taiwanese Journal of Obstetrics & Gynecology
0372333X	Taiwania
10170839	Terrestrial, Atmospheric and Oceanic Sciences(TAO)
03044920	The Chinese Journal of Physiology
02575655	The Kaohsiung Journal of Medical Sciences
02540002	大氣科學
15603822	大專體育
15633470	大專體育學刊
16803108	中山醫學雜誌

1027376x	中文計算語言學期刊
05296528	中國統計學報
10234535	中國造船工程學刊
10227636	Sustainable Environment Research
02556073	中華水土保持學報
a0000234	中華民國內分泌暨糖尿病學會會刊
10279962	臺灣牙周病醫學會雜誌
10232214	中華民國急救加護醫學會雜誌
16839595	中華民國航空醫學暨科學期刊
10213120	中華民國眼科醫學會雜誌
10116958	臺灣營養學會雜誌
02538946	中華民國雜草學會會刊
10278117	中華皮膚雜誌
16849418	中華放射線技術
05781345	中華林學季刊
16835875	中華針灸醫學會雜誌
10233660	中華職業醫學雜誌
0257-554x	中興工程
16077423	中醫兒科
10176446	中醫藥雜誌
10167390	內科學誌
10158359	化工
04413768	化學
16062604	水資源管理會刊
18102549	北市醫學雜誌
10229671	石油季刊
10255222	全球變遷通訊雜誌
18127266	安寧療護雜誌
10257683	自來水會刊雜誌
16072928	自然保育季刊
10123407	技術學刊
17271231	中央警察大學災害防救學報
10162356	防蝕工程

19912609	呼吸治療
a0000474	坡地防災學報
1023988x	放射治療與腫瘤學
15632555	物理治療
20720939	長庚醫誌
10267301	長庚護理
15612546	長期照護雜誌
10220690	品質學報
16068238	建築與規劃學報
18166563	科學與工程技術期刊
1563356x	中華民國重症醫學雜誌
02555778	氣象學報
15613771	特有生物研究
02539290	畜產研究
xx2	粉末冶金會刊
10239855	胸腔醫學
10218661	航測及遙測學刊
18124313	航運季刊
16830903	高雄護理雜誌
15613852	健康促進暨衛生教育雜誌
18111947	健康管理學刊
10175733	動物園學報
10249877	勞工安全衛生研究季刊
17293332	設計與環境學報
15622746	植物種苗
10217878	結構工程
a0000067	腎臟與透析
10163190	慈濟醫學雜誌
17273269	感染控制雜誌
15631230	新臺北護理期刊
16839544	腫瘤護理雜誌
17296056	資訊安全通訊
05503744	農林學報

xx5	農業推廣文彙
10190430	農業機械學刊
18142869	實證護理
02584727	榮總護理
16079264	網際網路技術學刊
a0000021	中華民國口腔顎面外科學會雜誌
18176720	臺灣中醫臨床醫學雜誌
04921505	臺灣水利
10196102	臺灣耳鼻喉頭頸外科雜誌
16807650	臺灣昆蟲
10264469	臺灣林業科學
10163220	臺灣泌尿科醫學
15623386	臺灣急診醫學會醫誌
16823281	臺灣家庭醫學雜誌
10253009	臺灣復健醫學雜誌
17267404	臺灣腎臟護理學會雜誌
16052471	臺灣農業化學與食品科學
00224847	臺灣農業研究
18145108	臺灣運動心理學報
1027-5096	臺灣臨床藥學雜誌
10281916	臺灣醫學
16065727	臺灣醫學人文學刊
16826485	臺灣獸醫學雜誌
18102093	輔仁醫學期刊
15606619	領導護理
15618137	學校衛生
15609251	應用心理研究
10282483	應用倫理評論
xx3	營建管理季刊
02540010	環境保護
10293159	環境與世界
02584697	臨床醫學
1023750x	鍛造

10137661	職能治療學會雜誌
1024106x	醫院
02584700	醫藥學
16086961	醫務管理期刊
10114564	醫學研究
10282424	醫學教育
10213155	醫療資訊雜誌
15627640	醫護科技學刊
0047262x	護理雜誌
xx1	當代醫學
16068351	林業研究季刊
17263603	臺灣醫界
10289496	社區發展季刊
16831624	志為護理-慈濟護理雜誌
16846478	諮商與輔導
10293132	Asia Pacific Management Review
10132511	Issues & Studies
16823141	The Journal of Nursing Research
1018-3841	人口學刊
1018189X	人文及社會科學集刊
10170669	工業工程學刊
10232842	中山管理評論
10124195	中央研究院歷史語言研究所集刊
10132716	中國大陸研究
10237283	中華心理衛生學刊
17263581	中華傳播學刊
17285186	中華輔導與諮商學報
10290141	公平交易季刊
15618080	公共行政學報
10125434	戶外遊憩研究
10298282	本土心理學研究
10251383	民俗曲藝
10287310	交大管理學報
04945387	地理學報

16660040	住宅學報
02593750	東吳法律學報
10198636	東吳政治學報
10287337	社會政策與社會工作學刊
10163212	建築學報
10239820	政大法學評論
10183892	政治科學論叢
16845153	政治與社會哲學評論
10232869	政治學報
05830249	師大學報
10264485	特殊教育研究學刊
10222898	財務金融學刊
05912539	問題與研究
10183825	國立臺灣大學法學論叢
10115714	教育心理學報
15608298	教育政策論壇
10288708	教育研究集刊
10249885	教育與心理研究
15633527	教育學刊
10181067	都市與計劃
16094905	測驗學刊
10161007	新聞學研究
10181687	會計評論
18144810	當代教育研究
10181245	經濟研究
1018161x	經濟論文
10183833	經濟論文叢刊
16085752	資訊管理學報
05469600	應用經濟論叢
10277757	農業經濟叢刊
1011520X	農業與經濟
10177159	運輸計劃季刊
10272275	運輸學刊
18166598	電子商務學報

10219447	管理評論
10239863	管理與系統
02559838	管理學報
10181601	臺大管理論叢
16815939	臺北大學法學論叢
17271878	臺灣人類學刊
16064682	臺灣土地研究
10232141	臺灣公共衛生雜誌
10219528	臺灣社會研究
16802969	臺灣社會學
10112219	臺灣社會學刊
10270221	臺灣政治學刊
16802004	臺灣教育社會學研究
17298849	臺灣經濟預測與政策
10283684	臺灣精神醫學
15601696	遠景基金會季刊
10213058	歐美研究
15601277	課程與教學季刊
10257551	選舉研究
1680435x	藝術教育研究
1023280X	證券市場發展季刊
10171819	International Journal of Information and Management Sciences
10255273	觀光休閒學報
17269350	臺灣民主季刊
10267247	東海大學法學研究
1027507x	科學教育學刊

CHAPTER VII. **2008 TSCI Journal Citation Report**

Over 400,000 references were collected and processed by our team members. At least 20 persons and US70,000 were applied for this TSCI project. In the 2008 TSCI journal citation report, all the factors are listed as the following. The calculation methods were also illustrated as the following.

TC: Total Cites
(All accumulated cited counts since the first issue of the journal)

IF: Impact Factor
(All cited counts by other journals within 2 years / The article numbers published by the calculating journal within 2 years)

II: Immediacy Index
(All cited counts by other journals within 1 year / The article numbers published by the calculating journal within 1 year)

ES: Exclude Self-Citation Rate
(All the cited counts by other journals / All the cited counts by all journals)

CS: Cited Sources
(The cited source numbers.)

SF: Spread Factor
(The total cited source numbers * 100 / The total cited counts)

SD: Subject Diffusion Index
(The cited source numbers in the same filed / All cited source numbers)

HL: Cited Half-life
(Median age of the citations produced by a journal during the JCR year)

SI: Source Item
(All the article numbers for the calculating source journal)

AR: All References
(All the citing references numbers for the calculating source journal)

AG (Average Cited Counts)
(All citing references numbers / All the article numbers in the source journal)

Table 16-1. The 2008 TSCI Journal Citation Report.

ISSN	TC	IF	II	ES	CS	SF	SD	HL	SI	AR	AG
2541319	7	0.05	0.00	0.14	1	14.3	0.00	4.00	41	417	10.2
10131671	34	0.01	0.06	0.91	16	47.1	0.06	7.00	49	446	9.1
10196099	11	0.00	0.00	0.91	10	90.9	0.04	5.00	51	164	3.2
16088115	37	0.02	0.02	0.92	20	54.1	0.08	6.45	64	630	9.8
16840925	19	0.24	0.00	0.58	6	31.6	0.02	10.00	11	160	14.5
68063	10	0.02	0.02	1.00	8	80.0	0.03	4.00	53	618	11.7
13813390	17	0.07	0.00	1.00	11	64.7	0.04	6.00	16	127	7.9
17262364	8	0.14	0.00	0.38	3	37.5	0.01	4.00	8	220	27.5
10116788	1	0.00	0.00	1.00	1	100.0	0.00	5.00	44	263	6.0
10132732	19	0.08	0.07	0.58	5	26.3	0.02	6.67	15	41	2.7
17272394	9	0.04	0.13	0.56	4	44.4	0.02	3.60	8	60	7.5
10289488	181	1.52	0.08	0.30	17	9.4	0.06	11.99	24	208	8.7
10162364	39	0.04	0.03	0.44	12	30.8	0.05	5.09	113	557	4.9
10232796	44	0.06	0.04	0.43	7	15.9	0.03	15.01	45	430	9.6
16090985	11	0.02	0.00	0.27	3	27.3	0.01	5.43	33	379	11.5
9296441	12	0.02	0.00	0.67	7	58.3	0.03	5.00	22	535	24.3
a0000142	23	0.03	0.00	0.87	11	47.8	0.04	13.99	26	241	9.3
2533839	93	0.07	0.00	0.38	18	19.4	0.07	5.71	127	662	5.2
9296646	70	0.02	0.01	1.00	29	41.4	0.11	5.04	197	1827	9.3
15601587	18	0.00	0.00	0.56	8	44.4	0.03	5.14	10	109	10.9
10284559	70	0.13	0.20	0.40	9	12.9	0.03	4.50	83	1052	12.7
0372333X	133	0.30	0.05	0.47	13	9.8	0.05	6.40	39	237	6.1
10170839	104	0.03	0.00	0.24	10	9.6	0.04	4.43	54	556	10.3
3044920	16	0.03	0.00	1.00	9	56.3	0.03	6.00	42	493	11.7
2575655	161	0.11	0.01	0.81	51	31.7	0.19	59.05	98	745	7.6
2540002	80	0.26	0.24	0.13	6	7.5	0.02	5.68	17	192	11.3
15603822	412	0.14	0.00	0.28	34	8.3	0.13	5.66	160	989	6.2
15633470	169	0.29	0.02	0.66	21	12.4	0.08	4.40	46	475	10.3
16803108	55	0.02	0.00	0.84	24	43.6	0.09	5.04	27	165	6.1
1027376x	14	0.07	0.00	0.14	2	14.3	0.01	4.67	26	164	6.3

5296528	24	0.02	0.00	0.63	11	45.8	0.04	5.33	22	102	4.6
10234535	26	0.09	0.05	0.00	0	0.0	0.00	4.67	20	82	4.1
10227636	7	0.00	0.02	1.00	4	57.1	0.02	7.33	60	402	6.7
2556073	135	0.19	0.03	0.48	14	10.4	0.05	6.47	38	126	3.3
a0000234	24	0.00	0.00	1.00	14	58.3	0.05	7.00	21	211	10.0
10279962	37	0.03	0.00	0.22	3	8.1	0.01	5.25	27	391	14.5
10232214	17	0.04	0.00	0.76	10	58.8	0.04	6.33	26	255	9.8
16839595	14	0.11	0.00	0.00	0	0.0	0.00	4.00	17	33	1.9
10213120	22	0.01	0.00	0.77	6	27.3	0.02	6.40	61	376	6.2
10116958	56	0.06	0.00	0.71	19	33.9	0.07	6.29	16	175	10.9
2538946	18	0.11	0.00	0.11	2	11.1	0.01	5.00	15	57	3.8
10278117	4	0.01	0.00	0.75	2	50.0	0.01	6.00	54	362	6.7
16849418	8	0.07	0.00	0.13	1	12.5	0.00	5.00	23	135	5.9
5781345	68	0.02	0.00	0.68	4	5.9	0.02	7.57	31	187	6.0
10233660	96	0.19	0.03	0.70	31	32.3	0.12	5.42	29	238	8.2
0257554x	19	0.09	0.02	0.11	2	10.5	0.01	3.40	62	105	1.7
16077423	10	0.03	0.00	0.90	8	80.0	0.03	6.00	19	41	2.2
10176446	29	0.12	0.00	0.41	6	20.7	0.02	6.80	14	128	9.1
10167390	44	0.00	0.00	0.86	21	47.7	0.08	6.11	50	855	17.1
10158359	10	0.00	0.00	0.10	1	10.0	0.00	6.67	56	674	12.0
4413768	65	0.03	0.00	0.03	2	3.1	0.01	7.00	47	806	17.1
16062604	24	0.10	0.00	0.67	7	29.2	0.03	10.00	10	103	10.3
18102549	76	0.13	0.01	0.70	26	34.2	0.10	70.66	114	1099	9.6
10229671	35	0.15	0.00	0.26	6	17.1	0.02	4.67	36	158	4.4
10255222	12	0.05	0.00	0.83	8	66.7	0.03	6.00	27	65	2.4
18127266	252	0.46	0.00	0.45	24	9.5	0.09	6.48	32	341	10.7
10257683	14	0.10	0.00	0.07	1	7.1	0.00	4.00	42	105	2.5
16072928	28	0.01	0.02	0.93	11	39.3	0.04	6.38	51	57	1.1
10123407	34	0.07	0.00	0.38	12	35.3	0.05	5.07	40	350	8.8
17271231	15	0.03	0.00	0.20	3	20.0	0.01	8.00	15	116	7.7
10162356	11	0.03	0.00	0.00	0	0.0	0.00	6.00	34	90	2.6
a0000141	17	0.13	0.00	0.82	6	35.3	0.02	4.38	8	59	7.4
a0000474	8	0.11	0.00	0.13	1	12.5	0.00	4.00	10	48	4.8

1023988x	11	0.05	0.04	1.00	8	72.7	0.03	4.00	24	267	11.1
15632555	82	0.14	0.00	0.51	18	22.0	0.07	5.12	36	518	14.4
20720939	18	0.00	0.00	1.00	12	66.7	0.05	6.50	68	819	12.0
10267301	362	0.22	0.06	0.86	53	14.6	0.20	11.39	67	704	10.5
15612546	157	0.34	0.03	0.61	24	15.3	0.09	5.57	39	373	9.6
10220690	22	0.12	0.00	0.27	6	27.3	0.02	4.00	32	359	11.2
16068238	12	0.06	0.00	0.69	5	41.7	0.02	4.00	12	112	9.3
18166563	2	0.02	0.03	0.00	0	0.0	0.00	1.00	40	232	5.8
1563356x	74	0.00	0.00	0.92	19	25.7	0.07	7.20	12	152	12.7
2555778	15	0.18	0.00	0.53	5	33.3	0.02	5.00	11	14	1.3
15613771	24	0.18	0.00	0.38	5	20.8	0.02	5.00	16	90	5.6
2539290	90	0.11	0.00	0.04	4	4.4	0.02	5.90	29	132	4.6
20768680	49	0.14	0.06	0.02	1	2.0	0.00	5.50	31	165	5.3
10239855	18	0.00	0.00	0.94	10	55.6	0.04	7.29	71	450	6.3
10218661	32	0.07	0.00	0.19	4	12.5	0.02	13.02	40	288	7.2
18124313	40	0.28	0.00	0.33	3	7.5	0.01	4.29	18	255	14.2
16830903	48	0.20	0.00	0.85	15	31.3	0.06	6.09	16	212	13.3
15613852	158	0.29	0.00	0.77	42	26.6	0.16	6.01	15	181	12.1
18111947	14	0.21	0.00	0.79	10	71.4	0.04	3.00	16	142	8.9
10175733	24	0.18	0.29	0.17	4	16.7	0.02	5.40	7	61	8.7
10249877	46	0.02	0.00	0.78	21	45.7	0.08	4.07	32	190	5.9
17293332	13	0.21	0.00	1.00	7	53.8	0.03	5.67	6	32	5.3
15622746	15	0.10	0.05	0.29	3	20.0	0.01	5.00	21	125	6.0
10217878	76	0.10	0.00	0.11	4	5.3	0.02	6.86	25	85	3.4
a0000067	74	0.07	0.00	0.77	14	18.9	0.05	6.00	37	417	11.3
10163190	113	0.04	0.00	0.96	48	42.5	0.18	4.69	60	678	11.3
17273269	56	0.02	0.00	1.00	25	44.6	0.09	4.41	56	361	6.4
15631230	109	0.10	0.06	0.89	22	20.2	0.08	7.33	17	201	11.8
16839544	46	0.07	0.00	0.80	12	26.1	0.05	12.01	14	218	15.6
17296056	11	0.00	0.03	0.82	6	54.5	0.02	4.09	36	152	4.2
5503744	13	0.00	0.00	0.69	6	46.2	0.02	7.00	24	96	4.0
xx5	41	0.12	0.00	0.24	2	4.9	0.01	11.00	21	147	7.0
2538873	19	0.00	0.00	0.89	8	42.1	0.03	7.06	8	88	11.0
10190430	36	0.19	0.00	0.31	5	13.9	0.02	14.02	16	83	5.2

18142869	43	0.64	0.00	0.81	22	51.2	0.08	2.26	41	541	13.2
2584727	383	0.30	0.00	0.88	46	12.0	0.17	7.24	47	481	10.2
16079264	2	0.00	0.00	0.50	1	50.0	0.00	5.00	59	288	4.9
a0000021	17	0.03	0.00	0.24	2	11.8	0.01	5.43	17	102	6.0
18176720	29	0.02	0.00	0.79	13	44.8	0.05	7.80	61	275	4.5
4921505	96	0.14	0.00	0.41	14	14.6	0.05	5.69	38	139	3.7
10196102	6	0.02	0.00	0.83	4	66.7	0.02	4.00	36	231	6.4
16807650	10	0.00	0.00	1.00	9	90.0	0.03	6.50	27	198	7.3
10264469	108	0.11	0.00	0.99	20	18.5	0.08	5.78	32	382	11.9
10163220	1	0.02	0.00	1.00	1	100.0	0.00	5.00	49	644	13.1
15623386	29	0.00	0.00	0.93	17	58.6	0.06	11.01	23	179	7.8
16823281	67	0.16	0.00	0.85	26	38.8	0.10	7.40	23	271	11.8
10253009	56	0.08	0.00	0.86	27	48.2	0.10	6.83	39	304	7.8
17267404	45	0.04	0.00	0.47	10	22.2	0.04	5.00	12	117	9.8
16052471	72	0.07	0.19	0.24	12	16.7	0.05	5.26	36	420	11.7
224847	24	0.08	0.00	0.50	7	29.2	0.03	11.00	30	231	7.7
18145108	20	0.21	0.00	0.60	6	30.0	0.02	4.17	11	126	11.5
10275096	25	0.05	0.00	0.60	12	48.0	0.05	5.44	29	263	9.1
10281916	510	0.17	0.02	0.87	72	14.1	0.27	5.55	94	1119	11.9
16065727	22	0.15	0.00	0.82	13	59.1	0.05	4.33	10	50	5.0
16826485	32	0.01	0.00	0.09	2	6.3	0.01	6.33	29	229	7.9
18102093	12	0.05	0.04	0.92	7	58.3	0.03	4.00	25	224	9.0
15606619	29	0.20	0.00	0.90	15	51.7	0.06	6.80	21	630	30.0
15618137	72	0.35	0.00	0.72	23	31.9	0.09	5.09	14	226	16.1
15609251	302	0.19	0.19	0.71	50	16.6	0.19	5.45	54	285	5.3
10282483	46	0.08	0.00	0.65	18	39.1	0.07	5.13	34	138	4.1
xx3	24	0.05	0.00	0.42	7	29.2	0.03	6.11	29	57	2.0
2540010	12	0.14	0.00	0.67	9	75.0	0.03	3.50	12	36	3.0
10293159	16	0.28	0.00	0.29	6	37.5	0.02	4.50	8	52	6.5
2584697	263	0.05	0.03	0.90	51	19.4	0.19	5.65	170	1226	7.2
1023750x	23	0.11	0.03	0.09	2	8.7	0.01	5.14	35	90	2.6
10137661	19	0.00	0.00	0.74	6	31.6	0.02	18.01	12	155	12.9
1024106x	206	0.19	0.03	0.89	46	22.3	0.17	7.39	39	280	7.2
2584700	15	0.01	0.00	0.72	10	66.7	0.04	5.09	28	239	8.5

16086961	165	0.24	0.00	0.79	39	23.6	0.15	5.15	21	275	13.1
10114564	44	0.06	0.00	0.84	26	59.1	0.10	5.60	60	455	7.6
10282424	433	0.58	0.09	0.33	39	9.0	0.15	5.70	35	438	12.5
10213155	23	0.08	0.00	0.78	12	52.2	0.05	6.00	26	228	8.8
15627640	166	0.50	0.00	0.93	52	31.3	0.20	5.31	27	371	13.7
0047262x	1054	0.34	0.07	0.82	64	6.1	0.24	5.71	92	1102	12.0
18164749	262	0.13	0.03	0.84	52	19.8	0.20	5.66	144	821	5.7
16068351	117	0.15	0.12	0.44	10	8.5	0.04	5.56	25	170	6.8
17263603	258	0.07	0.02	0.96	73	28.3	0.28	5.82	50	303	6.1
10289496	525	0.32	0.01	0.42	59	11.2	0.22	5.58	97	792	8.2
16831624	230	0.13	0.01	0.90	47	20.4	0.18	4.94	170	276	1.6
16846478	295	0.05	0.01	0.50	39	13.2	0.15	6.58	283	675	2.4
10293132	236	0.39	0.00	0.08	17	7.2	0.06	5.02	37	332	9.0
10132511	133	0.33	0.00	0.37	18	13.5	0.07	5.19	27	530	19.6
16823141	307	0.00	0.00	0.99	49	16.0	0.18	7.14	31	523	16.9
10183841	58	0.29	0.00	0.62	13	22.4	0.05	5.24	9	97	10.8
1018189X	146	0.42	0.00	0.91	39	26.7	0.15	5.13	17	161	9.5
10170669	44	0.00	0.00	0.95	17	38.6	0.06	6.21	48	290	6.0
10232842	102	0.16	0.07	0.92	41	40.2	0.15	6.07	27	277	10.3
10124195	54	0.17	0.00	0.06	3	5.6	0.01	5.25	16	1541	96.3
10132716	98	0.34	0.29	0.52	14	14.3	0.05	5.16	24	300	12.5
10237283	162	0.56	0.06	0.78	32	19.8	0.12	9.34	16	116	7.3
17263581	31	0.33	0.00	0.52	5	16.1	0.02	4.00	18	327	18.2
17285186	104	0.23	0.23	0.75	24	23.1	0.09	6.27	13	197	15.2
10290141	59	0.20	0.00	0.32	8	13.6	0.03	8.40	21	103	4.9
15618080	383	0.33	0.23	0.11	22	5.7	0.08	4.11	22	337	15.3
10125434	139	0.78	0.06	0.60	26	18.7	0.10	6.20	16	168	10.5
10298282	211	0.38	0.00	0.67	25	11.8	0.09	8.91	5	102	20.4
10251383	16	0.06	0.00	0.06	1	6.3	0.00	8.00	22	147	6.7
10287310	19	0.03	0.06	0.89	13	68.4	0.05	6.67	18	260	14.4
4945387	64	0.36	0.00	0.47	16	25.0	0.06	6.60	16	450	28.1
16660040	52	0.06	0.00	0.79	8	15.4	0.03	7.40	9	180	20.0
2593750	21	0.14	0.00	0.76	6	28.6	0.02	7.33	16	280	17.5

10198636	59	0.25	0.04	0.90	17	28.8	0.06	11.00	23	331	14.4
10287337	75	0.50	0.00	0.92	20	26.7	0.08	6.17	9	195	21.7
10163212	74	0.27	0.02	0.34	14	18.9	0.05	5.03	50	261	5.2
10239820	90	0.26	0.00	0.62	10	11.1	0.04	5.50	40	744	18.6
10183892	135	0.27	0.00	0.63	21	15.6	0.08	5.12	19	343	18.1
16845153	103	0.50	0.06	0.69	17	16.5	0.06	9.46	17	285	16.8
10232869	28	0.44	0.00	1.00	13	46.4	0.05	6.00	5	95	19.0
5830249	66	0.29	0.00	0.82	21	31.8	0.08	4.64	19	219	11.5
10264485	127	0.80	0.05	0.45	23	18.1	0.09	4.05	20	300	15.0
10222898	35	0.12	0.06	0.86	10	28.6	0.04	8.50	18	202	11.2
5912539	226	0.32	0.05	0.72	25	11.1	0.09	5.31	21	296	14.1
10183825	137	0.50	0.00	0.63	21	15.3	0.08	6.00	21	316	15.0
10115714	122	0.52	0.03	0.57	29	23.8	0.11	5.70	36	466	12.9
15608298	71	0.40	0.00	0.41	14	19.7	0.05	8.51	25	361	14.4
10288708	169	0.49	0.20	0.86	27	16.0	0.10	4.40	20	185	9.3
10249885	126	0.50	0.13	0.76	32	25.4	0.12	4.43	8	292	36.5
15633527	48	0.26	0.00	0.83	18	37.5	0.07	4.85	13	180	13.8
10181067	149	0.44	0.00	0.69	29	19.5	0.11	5.26	18	221	12.3
16094905	54	0.40	0.06	0.74	25	46.3	0.09	5.00	18	162	9.0
10161007	120	0.20	0.08	0.62	24	20.0	0.09	5.21	26	233	9.0
10181687	49	0.24	0.00	0.71	17	34.7	0.06	5.41	13	193	14.8
18144810	12	0.20	0.00	0.58	5	41.7	0.02	2.33	22	454	20.6
10181245	36	0.24	0.00	0.94	18	50.0	0.07	5.29	8	79	9.9
1018161x	51	0.13	0.06	0.84	19	37.3	0.07	5.60	17	125	7.4
10183833	81	0.15	0.00	0.85	34	42.0	0.13	12.01	16	120	7.5
16085752	73	0.11	0.02	0.67	27	37.0	0.10	6.00	52	798	15.3
5469600	66	0.00	0.00	0.64	16	24.2	0.06	7.50	9	79	8.8
10277757	47	0.33	0.00	0.83	10	21.3	0.04	7.33	10	136	13.6
1011520X	39	0.20	0.00	0.90	13	33.3	0.05	5.60	10	75	7.5
10177159	104	0.39	0.05	0.50	20	19.2	0.08	4.82	19	250	13.2
10272275	54	0.81	0.00	0.52	9	16.7	0.03	3.11	16	127	7.9
18166598	17	0.26	0.31	0.35	5	29.4	0.02	2.20	36	603	16.8
10219447	92	0.13	0.00	0.88	36	39.1	0.14	6.00	17	321	18.9
10239863	32	0.09	0.00	0.84	22	68.8	0.08	8.66	27	320	11.9

2559838	161	0.26	0.06	0.87	50	31.1	0.19	5.21	36	627	17.4
10181601	41	0.09	0.00	0.90	25	61.0	0.09	12.00	12	226	18.8
16815939	23	0.37	0.00	0.83	10	43.5	0.04	4.00	18	194	10.8
17271878	8	0.17	0.00	0.25	2	25.0	0.01	4.25	8	100	12.5
16064682	22	0.06	0.00	0.68	10	45.5	0.04	6.00	10	112	11.2
10232141	121	0.08	0.00	1.00	45	37.2	0.17	69.53	42	580	13.8
10219528	275	0.57	0.00	0.65	46	16.7	0.17	9.42	42	415	9.9
16802969	166	0.85	0.00	0.81	38	22.9	0.14	7.20	10	160	16.0
10112219	119	0.28	0.00	0.82	31	26.1	0.12	5.00	14	109	7.8
10270221	116	0.48	0.00	0.84	18	15.5	0.07	5.11	10	410	41.0
16802004	63	0.39	0.00	0.83	14	22.2	0.05	6.33	9	158	17.6
17298849	32	0.06	0.00	0.81	15	46.9	0.06	5.17	17	80	4.7
10283684	100	0.09	0.00	0.77	30	30.0	0.11	7.60	37	362	9.8
15601696	55	0.07	0.12	0.40	8	14.5	0.03	5.25	17	317	18.6
10213058	62	0.09	0.00	0.73	22	35.5	0.08	5.17	16	246	15.4
15601277	79	0.19	0.00	0.75	17	21.5	0.06	5.62	39	689	17.7
10257551	253	0.88	0.10	0.79	19	7.5	0.07	5.94	10	87	8.7
1680435x	6	0.06	0.00	0.50	3	50.0	0.01	5.00	8	89	11.1
1023280X	100	0.17	0.00	0.88	23	23.0	0.09	5.33	19	136	7.2
10171819	44	0.07	0.00	0.13	4	9.1	0.02	5.00	42	137	3.3
10255273	46	0.31	0.00	0.26	8	17.4	0.03	5.00	16	349	21.8
17269350	59	0.30	0.00	0.73	16	27.1	0.06	3.16	46	305	6.6
10267247	20	0.26	0.00	0.60	7	35.0	0.03	4.00	9	136	15.1
1027507x	88	0.20	0.00	0.38	17	19.3	0.06	10.68	30	371	12.4

Table 16-2. The Source Title of 2008 TSCI Journal Citation Report.

ISSN	Source Title
2541319	Acta Anaesthesiologica Taiwanica
10131671	ActaNephrologica
10196099	ActaNeurologicaTaiwanica
16088115	ActaPaediatricaTaiwanica
16840925	BioFormosa(生物學報)
68063	BotanicalBulletinofAcademiaSinica(植物學研究)
13813390	ClinicalNeonatology(臨床新生兒醫學雜誌)
17262364	ElectronicCommerceStudies(電子學商務研究)
10116788	Formosan Journal of Surgery 臺灣外科醫學會雜誌
10132732	FungalScience(中華真菌學會會刊)
17272394	InternationalJournalofAppliedScienceandEngineering 國際應用科學與工程學刊
10289488	JournalofGreySystem(灰色系統學刊)
10162364	JournalofInformationScienceandEngineering
10232796	JournalofMarineScienceandTechnology 海洋學刊
16090985	JournalofMedicalandBiologicalEngineering(中華醫學工程學刊)
9296441	JournalofMedicalUltrasound(醫用超音波雜誌)
a0000142	FormosanJournalofRheumatology 中華民國風濕病雜誌
2533839	JournaloftheChineseInstituteofEngineers(中國工程學刊)
9296646	JournaloftheFormosanMedicalAssociation(臺灣醫學會雜誌)
15601587	TaiwanJournalofOralMedicine&HealthSciences(臺灣口腔醫學衛生科學雜誌)
10284559	TaiwaneseJournalofObstetrics&Gynecology(臺灣婦產科醫學會會刊雜誌)
0372333X	TAIWANIA(植物科學期刊)
10170839	Terrestrial,AtmosphericandOceanicSciences(TAO)
3044920	TheChineseJournalofPhysiology(中國生理學雜誌)
2575655	TheKaohsiungJournalofMedicalSciences(高雄醫學科學雜誌)
2540002	大氣科學
15603822	大專體育
15633470	大專體育學刊
16803108	中山醫學雜誌
1027376x	中文計算語言學期刊

5296528	中國統計學報
10234535	中國造船工程學刊
10227636	Sustainable Environment Research
2556073	中華水土保持學報
a0000234	中華民國內分泌暨糖尿病學會會刊
10279962	臺灣牙周病醫學會雜誌
10232214	中華民國急救加護醫學會雜誌
16839595	中華民國航空醫學暨科學期刊
10213120	中華民國眼科醫學會雜誌
10116958	臺灣營養學會雜誌
2538946	中華民國雜草學會會刊
10278117	中華皮膚雜誌
16849418	中華放射線技術學雜誌
5781345	中華林學季刊
10233660	中華職業醫學雜誌
0257554x	中興工程
16077423	中醫兒科醫學雜誌
10176446	中醫藥雜誌
10167390	內科學誌
10158359	化工
4413768	化學
16062604	水資源管理會刊
18102549	北市醫學雜誌
10229671	石油季刊
10255222	全球變遷通訊雜誌
18127266	安寧療護雜誌
10257683	自來水會刊雜誌
16072928	自然保育季刊
10123407	技術學刊
17271231	中央警察大學災害防救學報
10162356	防蝕工程
a0000141	呼吸治療
a0000474	坡地防災學報

1023988x	放射治療與腫瘤學
15632555	物理治療
20720939	Chang Gung medical journal
10267301	長庚護理
15612546	長期照護雜誌
10220690	品質學報
16068238	建築與規劃學報
18166563	科學與工程技術期刊(OA)
1563356x	中華民國重症醫學雜誌
2555778	氣象學報
15613771	特有生物研究
2539290	畜產研究
20768680	粉末冶金會刊
10239855	胸腔醫學
10218661	航測及遙測學刊
18124313	航運季刊
16830903	高雄護理雜誌
15613852	健康促進暨衛生教育雜誌
18111947	健康管理學刊
10175733	動物園學報
10249877	勞工安全衛生研究季刊
17293332	設計與環境學報
15622746	植物種苗
10217878	結構工程
a0000067	腎臟與透析
10163190	慈濟醫學雜誌
17273269	感染控制雜誌
15631230	新臺北護理期刊
16839544	腫瘤護理雜誌
17296056	資訊安全通訊
5503744	農林學報
xx5	農業推廣文彙
2538873	農業推廣學報
10190430	農業機械學刊

18142869	實證護理
2584727	榮總護理
16079264	網際網路技術學刊
a0000021	臺灣口腔顎面外科學會雜誌
18176720	臺灣中醫臨床醫學雜誌
4921505	臺灣水利
10196102	臺灣耳鼻喉頭頸外科雜誌
16807650	臺灣昆蟲
10264469	臺灣林業科學
10163220	臺灣泌尿科醫學
15623386	臺灣急診醫學會醫誌
16823281	臺灣家庭醫學雜誌
10253009	臺灣復健醫學雜誌
17267404	臺灣腎臟護理學會雜誌
16052471	臺灣農業化學與食品科學
224847	臺灣農業研究
18145108	臺灣運動心理學報
10275096	臺灣臨床藥學雜誌
10281916	臺灣醫學
16065727	臺灣醫學人文學刊
16826485	臺灣獸醫學雜誌
18102093	輔仁醫學期刊
15606619	領導護理
15618137	學校衛生
15609251	應用心理研究
10282483	應用倫理通訊
xx3	營建管理季刊
2540010	環境保護
10293159	環境與世界
2584697	臨床醫學
1023750x	鍛造
10137661	職能治療學會雜誌
1024106x	醫院雜誌
2584700	醫院藥學

16086961	醫務管理期刊
10114564	醫學研究
10282424	醫學教育
10213155	醫療資訊雜誌
15627640	醫護科技學刊
0047262x	護理雜誌
18164749	當代醫學
16068351	林業研究季刊
17263603	臺灣醫界
10289496	社區發展季刊
16831624	志為護理-慈濟護理雜誌
16846478	諮商與輔導
10293132	Asia Pacific Management Review
10132511	Issues & Studies
16823141	The Journal of Nursing Research
10183841	人口學刊
1018189X	人文及社會科學集刊
10170669	工業工程學刊
10232842	中山管理評論
10124195	中央研究院歷史語言研究所集刊
10132716	中國大陸研究
10237283	中華心理衛生學刊
17263581	中華傳播學刊
17285186	中華輔導與諮商學報
10290141	公平交易季刊
15618080	公共行政學報
10125434	戶外遊憩研究
10298282	本土心理學研究
10251383	民俗曲藝
10287310	交大管理學報
4945387	地理學報
16660040	住宅學報
2593750	東吳法律學報

10198636	東吳政治學報
10287337	社會政策與社會工作學刊
10163212	建築學報
10239820	政大法學評論
10183892	政治科學論叢
16845153	政治與社會哲學評論
10232869	政治學報
5830249	教育科學研究期刊
10264485	特殊教育研究學刊
10222898	財務金融學刊
5912539	問題與研究
10183825	國立臺灣大學法學論叢
10115714	教育心理學報
15608298	教育政策論壇
10288708	教育研究集刊
10249885	教育與心理研究
15633527	教育學刊
10181067	都市與計劃
16094905	測驗學刊
10161007	新聞學研究
10181687	會計評論
18144810	當代教育研究
10181245	經濟研究
1018161x	經濟論文
10183833	經濟論文叢刊
16085752	資訊管理學報
5469600	應用經濟論叢
10277757	農業經濟叢刊
1011520X	農業與經濟
10177159	運輸計劃季刊
10272275	運輸學刊
18166598	電子商務學報
10219447	管理評論
10239863	管理與系統

2559838	管理學報
10181601	臺大管理論叢
16815939	臺北大學法學論叢
17271878	臺灣人類學刊
16064682	臺灣土地研究
10232141	臺灣公共衛生雜誌
10219528	臺灣社會研究
16802969	臺灣社會學
10112219	臺灣社會學刊
10270221	臺灣政治學刊
16802004	臺灣教育社會學研究
17298849	臺灣經濟預測與政策
10283684	臺灣精神醫學
15601696	遠景基金會季刊
10213058	歐美研究
15601277	課程與教學季刊
10257551	選舉研究
1680435x	藝術教育研究
1023280X	證券市場發展季刊
10171819	International Journal of Information and ManagementSciences
10255273	觀光休閒學報
17269350	臺灣民主季刊
10267247	東海大學法學研究
1027507x	科學教育學刊

CHAPTER VIII. **2009 TSCI Journal Citation Report**

Over 400,000 references were collected and processed by our team members. At least 20 persons and US70,000 were applied for this TSCI project. In the 2009 TSCI journal citation report, all the factors are listed as the following. The calculation methods were also illustrated as the following.

TC: Total Cites
(All accumulated cited counts since the first issue of the journal)

IF: Impact Factor
(All cited counts by other journals within 2 years / The article numbers published by the calculating journal within 2 years)

II: Immediacy Index
(All cited counts by other journals within 1 year / The article numbers published by the calculating journal within 1 year)

ES: Exclude Self-Citation Rate
(All the cited counts by other journals / All the cited counts by all journals)

CS: Cited Sources
(The cited source numbers.)

SF: Spread Factor
(The total cited source numbers * 100 / The total cited counts)

SD: Subject Diffusion Index
(The cited source numbers in the same filed / All cited source numbers)

HL: Cited Half-life
(Median age of the citations produced by a journal during the JCR year)

SI: Source Item
(All the article numbers for the calculating source journal)

AR: All References
(All the citing references numbers for the calculating source journal)

AG (Average Cited Counts)
(All citing references numbers / All the article numbers in the source journal)

Table 17-1. The 2009 TSCI Journal Citation Report.

ISSN	TC	IF	II	ES	CS	SF	SD	HL	SI	AR	AG
02541319	7	0.04	0.00	0.14	2	28.6	0.01	2.7	44	437	9.9
10116842	6	0.01	0.00	0.83	4	66.7	0.02	6.0	40	534	13.4
10131671	39	0.05	0.00	0.92	16	41.0	0.06	6.8	45	862	19.2
10196099	20	0.03	0.00	0.95	14	70.0	0.05	5.4	48	1104	23.0
16088115	43	0.02	0.00	0.93	25	58.1	0.09	7.2	23	254	11.0
16840925	23	0.17	0.00	0.52	8	34.8	0.03	4.5	12	112	9.3
1817406X	14	0.05	0.00	1.00	10	71.4	0.04	4.0	89	640	7.2
13813390	19	0.09	0.00	0.95	12	63.2	0.05	6.5	10	106	10.6
17262364	12	0.04	0.00	0.42	6	50.0	0.02	3.7	24	254	10.6
10116788	1	0.00	0.00	1.00	1	100.0	0.00	5.5	50	375	7.5
10132732	23	0.09	0.00	0.52	6	26.1	0.02	6.6	9	34	3.8
17272394	19	0.19	0.00	0.63	9	47.4	0.03	3.7	24	192	8.0
10137653	2	0.00	0.00	0.50	2	100.0	0.01	6.5	10	113	11.3
10166203	2	0.00	0.00	0.00	1	50.0	0.00	7.5	30	262	8.7
10289488	219	0.76	0.00	0.46	19	8.7	0.07	4.6	27	194	7.2
10162364	50	0.05	0.01	0.34	12	24.0	0.05	5.5	115	759	6.6
10232796	55	0.11	0.00	0.38	8	14.5	0.03	5.7	36	350	9.7
16090985	12	0.02	0.00	0.33	5	41.7	0.02	6.2	33	342	10.4
09296441	20	0.08	0.11	0.50	8	40.0	0.03	4.0	37	584	15.8
a0000142	36	0.07	0.00	0.86	15	41.7	0.06	6.9	12	203	16.9
02533839	135	0.06	0.03	0.37	25	18.5	0.09	5.5	111	1760	15.9
09296646	92	0.03	0.00	1.00	39	42.4	0.15	5.7	160	1974	12.3
15601587	21	0.05	0.00	0.57	10	47.6	0.04	5.9	13	80	6.2
10284559	123	0.34	0.10	0.25	11	8.9	0.04	2.6	114	1420	12.5
0372333X	210	0.48	0.10	0.51	15	7.1	0.06	4.9	42	304	7.2
10170839	106	0.01	0.00	0.44	12	11.3	0.05	4.8	66	866	13.1
03044920	21	0.01	0.00	1.00	8	38.1	0.03	5.4	52	1014	19.5
02575655	209	0.11	0.02	0.81	65	31.1	0.25	5.8	107	998	9.3
02540002	96	0.28	0.06	0.11	8	8.3	0.03	6.2	16	114	7.1
15603822	581	0.22	0.02	0.27	36	6.2	0.14	5.8	180	1553	8.6
15633470	249	0.40	0.06	0.55	31	12.4	0.12	4.6	49	526	10.7
16803108	81	0.04	0.00	0.86	34	42.0	0.13	5.7	27	296	11.0

1027376x	22	0.06	0.00	0.09	3	13.6	0.01	4.1	22	77	3.5
05296528	26	0.02	0.00	0.58	12	46.2	0.05	6.1	18	96	5.3
10234535	30	0.07	0.00	0.00	1	3.3	0.00	5.2	20	93	4.7
10227636	12	0.01	0.00	1.00	5	41.7	0.02	7.8	47	729	15.5
02556073	157	0.14	0.06	0.46	16	10.2	0.06	6.2	33	184	5.6
1726359x	1	0.00	0.00	1.00	1	100.0	0.00	5.5	18	176	9.8
a0000234	26	0.00	0.00	1.00	15	57.7	0.06	7.5	28	153	5.5
10279962	41	0.07	0.00	0.07	3	7.3	0.01	5.7	32	369	11.5
a0000041	6	0.00	0.00	1.00	4	66.7	0.02	6.7	7	60	8.6
10232214	26	0.04	0.00	0.65	18	69.2	0.07	5.6	31	190	6.1
10277722	1	0.00	0.00	1.00	4	400.0	0.02	3.5	8	21	2.6
16839595	16	0.09	0.00	0.13	3	18.8	0.01	5.5	20	40	2.0
10213120	27	0.00	0.00	0.78	8	29.6	0.03	7.4	58	406	7.0
10298231	5	0.00	0.00	0.80	3	60.0	0.01	7.5	26	198	7.6
10251375	4	0.00	0.00	0.75	4	100.0	0.02	5.0	53	325	6.1
10116958	75	0.07	0.00	0.69	21	28.0	0.08	6.5	17	238	14.0
10156267	1	0.00	0.00	1.00	1	100.0	0.00	0.0	50	567	11.3
02538946	20	0.00	0.00	0.20	5	25.0	0.02	6.2	13	91	7.0
10278117	4	0.00	0.00	0.75	3	75.0	0.01	6.5	40	412	10.3
16849418	12	0.03	0.00	0.08	2	16.7	0.01	5.0	28	158	5.6
10188940	5	0.00	0.00	0.40	3	60.0	0.01	5.3	39	315	8.1
05781345	72	0.01	0.00	0.69	5	6.9	0.02	6.7	41	395	9.6
16835875	16	0.10	0.00	0.81	8	50.0	0.03	5.0	6	65	10.8
10116923	7	0.00	0.00	1.00	2	28.6	0.01	0.0	30	247	8.2
18127282	4	0.08	0.00	0.75	4	100.0	0.02	3.0	8	20	2.5
10233660	119	0.09	0.00	0.76	38	31.9	0.14	5.8	55	268	4.9
0257-554x	28	0.09	0.00	0.11	4	14.3	0.02	3.3	89	154	1.7
16077423	10	0.00	0.00	0.90	9	90.0	0.03	6.5	15	0	0.0
10176446	30	0.03	0.00	0.40	7	23.3	0.03	6.6	12	109	9.1
10167390	54	0.03	0.00	0.87	24	44.4	0.09	6.7	75	1399	18.7
10158359	19	0.00	0.00	0.21	3	15.8	0.01	5.1	56	332	5.9
04413768	71	0.00	0.00	0.04	4	5.6	0.02	5.7	32	565	17.7
16062604	28	0.10	0.00	0.68	9	32.1	0.03	6.8	10	26	2.6
18102549	106	0.06	0.01	0.72	33	31.1	0.12	3.8	74	634	8.6

10229671	46	0.11	0.03	0.20	7	15.2	0.03	4.2	37	158	4.3
10255222	16	0.04	0.00	0.81	11	68.8	0.04	5.3	27	72	2.7
18127266	350	0.34	0.06	0.50	28	8.0	0.11	5.4	32	427	13.3
10257683	22	0.08	0.08	0.09	3	13.6	0.01	3.7	24	71	3.0
16072928	35	0.02	0.00	0.94	15	42.9	0.06	7.1	58	47	0.8
10123407	45	0.05	0.00	0.29	13	28.9	0.05	6.0	32	161	5.0
17271231	17	0.03	0.00	0.24	5	29.4	0.02	5.8	19	63	3.3
10162356	22	0.03	0.03	0.05	2	9.1	0.01	3.8	31	172	5.5
19912609	25	0.14	0.04	0.80	10	40.0	0.04	5.0	24	196	8.2
a0000474	11	0.19	0.00	0.09	2	18.2	0.01	4.3	10	34	3.4
1023988x	11	0.04	0.00	1.00	7	63.6	0.03	3.8	35	304	8.7
10238719	3	0.00	0.00	0.00	1	33.3	0.00	7.5	2	11	5.5
15632555	113	0.11	0.00	0.58	27	23.9	0.10	5.5	40	666	16.7
20720939	19	0.00	0.00	0.00	13	68.4	0.05	7.5	73	1313	18.0
10267301	474	0.22	0.00	0.83	54	11.4	0.20	6.6	56	800	14.3
15612546	231	0.39	0.00	6.26	29	12.6	0.11	5.0	35	482	13.8
10220690	25	0.08	0.00	0.28	8	32.0	0.03	4.6	34	217	6.4
16068238	16	0.00	0.00	0.81	8	50.0	0.03	6.3	24	116	4.8
1563356x	89	0.05	0.00	0.92	21	23.6	0.08	7.6	36	448	12.4
1022923X	6	0.01	0.00	0.17	2	33.3	0.01	7.0	35	257	7.3
02555778	19	0.05	0.00	0.58	7	36.8	0.03	4.0	12	49	4.1
15613771	44	0.27	0.06	0.52	10	22.7	0.04	5.5	16	120	7.5
02539290	116	0.16	0.00	0.03	5	4.3	0.02	6.1	33	184	5.6
10217959	1	0.04	0.00	1.00	1	100.0	0.00	2.5	12	129	10.8
1017091x	4	0.00	0.00	0.75	3	75.0	0.01	5.0	11	23	2.1
xx2	52	0.22	0.04	0.02	2	3.8	0.01	5.5	27	125	4.6
10239855	25	0.00	0.00	0.96	15	60.0	0.06	8.1	72	542	7.5
10218661	40	0.05	0.00	0.23	8	20.0	0.03	5.4	24	236	9.8
18124313	44	0.19	0.00	0.30	4	9.1	0.02	5.0	17	203	11.9
16830903	63	0.15	0.00	0.90	22	34.9	0.08	5.7	19	190	10.0
15613852	204	0.10	0.00	0.79	50	24.5	0.19	6.8	7	192	27.4
18111947	23	0.15	0.00	0.83	16	69.6	0.06	3.6	15	336	22.4
10175733	34	0.29	0.00	0.18	6	17.6	0.02	6.3	6	32	5.3

02556014	1	0.00	0.00	1.00	1	100.0	0.00	3.5	12	37	3.1
19904401	1	0.05	0.00	1.00	1	100.0	0.00	2.5	15	77	5.1
15629708	7	0.05	0.00	0.57	4	57.1	0.02	4.8	11	152	13.8
10249877	50	0.06	0.00	0.80	23	46.0	0.09	6.7	31	244	7.9
17293332	15	0.00	0.00	1.00	8	53.3	0.03	5.9	5	16	3.2
10219544	7	0.00	0.00	0.29	2	28.6	0.01	6.8	32	339	10.6
15622746	19	0.07	0.00	1.58	3	15.8	0.01	6.3	19	105	5.5
10217878	99	0.14	0.04	0.08	5	5.1	0.02	5.6	24	101	4.2
a0000067	103	0.10	0.00	0.77	18	17.5	0.07	6.2	47	520	11.1
16841182	2	0.01	0.00	1.00	2	100.0	0.01	2.5	78	1009	12.9
10163190	178	0.10	0.00	0.98	53	29.8	0.20	5.8	64	984	15.4
17273269	78	0.07	0.00	1.00	29	37.2	0.11	5.1	55	384	7.0
15631230	172	0.14	0.00	0.92	27	15.7	0.10	6.5	19	314	16.5
16839544	75	0.11	0.00	0.73	16	21.3	0.06	6.4	15	277	18.5
17296056	11	0.02	0.00	0.82	7	63.6	0.03	7.1	30	256	8.5
15604683	4	0.00	0.00	0.50	3	75.0	0.01	7.3	12	92	7.7
05503744	15	0.00	0.08	0.73	8	53.3	0.03	8.0	12	90	7.5
xx5	59	0.20	0.00	0.20	3	5.1	0.01	5.5	22	201	9.1
02538873	22	0.08	0.00	0.91	9	40.9	0.03	7.5	9	81	9.0
18142869	96	0.68	0.00	0.85	32	33.3	0.12	2.9	33	663	20.1
02584727	480	0.13	0.00	0.86	47	9.8	0.18	6.6	54	601	11.1
16079264	3	0.00	0.00	0.67	3	100.0	0.01	5.5	75	285	3.8
a0000021	22	0.06	0.00	0.23	4	18.2	0.02	6.0	32	310	9.7
1812724x	38	0.02	0.02	0.61	14	36.8	0.05	5.7	45	339	7.5
04921505	117	0.05	0.00	0.36	14	12.0	0.05	6.4	42	121	2.9
03794180	1	0.02	0.00	1.00	1	100.0	0.00	1.5	30	236	7.9
10196102	9	0.05	0.00	0.89	8	88.9	0.03	4.3	36	181	5.0
18162584	6	0.00	0.00	0.33	3	50.0	0.01	4.7	12	83	6.9
16807650	11	0.00	0.00	1.00	9	81.8	0.03	7.2	12	92	7.7
10264469	133	0.07	0.02	0.99	22	16.5	0.08	6.2	41	326	8.0
10163220	8	0.01	0.00	1.00	3	37.5	0.01	6.7	46	546	11.9
15623386	38	0.00	0.00	0.87	18	47.4	0.07	6.8	28	221	7.9
16823281	101	0.25	0.00	0.81	39	38.6	0.15	5.1	24	295	12.3

10137696	1	0.00	0.00	1.00	1	100.0	0.00	5.5	28	240	8.6
10253009	72	0.05	0.00	0.88	31	43.1	0.12	6.2	33	341	10.3
17267404	72	0.27	0.00	0.47	13	18.1	0.05	5.3	12	174	14.5
16052471	85	0.18	0.00	0.26	15	17.6	0.06	6.1	32	354	11.1
00224847	29	0.02	0.00	0.59	9	31.0	0.03	5.7	27	227	8.4
18145108	32	0.18	0.00	0.72	7	21.9	0.03	4.5	8	89	11.1
1027-5096	31	0.02	0.00	0.68	16	51.6	0.06	5.4	27	225	8.3
10281916	717	0.26	0.02	0.89	79	11.0	0.30	6.2	91	2612	28.7
16065727	27	0.09	0.00	0.85	15	55.6	0.06	5.1	10	58	5.8
16826485	34	0.00	0.00	0.09	3	8.8	0.01	7.6	32	303	9.5
18102093	22	0.04	0.00	0.91	15	68.2	0.06	4.3	21	173	8.2
15606619	37	0.06	0.00	0.92	20	54.1	0.08	6.4	21	223	10.6
15618137	96	0.41	0.00	0.71	26	27.1	0.10	5.6	15	147	9.8
15609251	349	0.26	0.00	0.69	54	15.5	0.20	6.3	50	416	8.3
10282483	55	0.08	0.00	0.71	22	40.0	0.08	6.2	11	43	3.9
xx3	28	0.03	0.00	0.36	8	28.6	0.03	7.0	29	68	2.3
02540010	14	0.04	0.00	0.64	9	64.3	0.03	4.3	6	10	1.7
10293159	21	0.25	0.00	0.43	9	42.9	0.03	4.5	4	44	11.0
02584697	321	0.07	0.00	0.91	54	16.8	0.20	6.3	168	1204	7.2
1023750x	28	0.06	0.00	0.07	3	10.7	0.01	5.0	21	65	3.1
10137661	24	0.06	0.00	0.71	8	33.3	0.03	6.7	8	88	11.0
1024106x	267	0.17	0.02	0.86	52	19.5	0.20	6.6	50	351	7.0
02584700	19	0.00	0.00	0.89	11	57.9	0.04	6.2	31	255	8.2
16086961	209	0.13	0.00	0.78	43	20.6	0.16	5.9	20	239	12.0
10114564	54	0.03	0.00	0.83	33	61.1	0.12	6.4	49	417	8.5
10282424	476	0.35	0.04	0.39	48	10.1	0.18	6.3	26	111	4.3
10213155	29	0.13	0.00	0.83	16	55.2	0.06	5.8	16	138	8.6
15627640	221	0.31	0.04	0.93	56	25.3	0.21	6.0	23	250	10.9
10219498	5	0.00	0.00	1.00	4	80.0	0.02	7.5	75	1002	13.4
0047262x	1382	0.46	0.06	0.82	69	5.0	0.26	6.1	89	1202	13.5
xx1	310	0.07	0.00	0.85	57	18.4	0.22	6.3	177	955	5.4
16068351	137	0.24	0.00	0.40	12	8.8	0.05	6.2	29	531	18.3

17263603	298	0.10	0.03	0.95	79	26.5	0.30	6.3	68	737	10.8
10289496	600	0.15	0.00	0.42	62	10.3	0.23	6.2	62	465	7.5
16831624	344	0.06	0.00	0.91	49	14.2	0.18	5.3	169	415	2.5
16846478	382	0.06	0.01	0.45	41	10.7	0.15	6.3	291	682	2.3
10293132	246	0.07	0.00	0.11	21	8.5	0.08	6.0	27	714	26.4
10132511	164	0.33	0.07	0.37	19	11.6	0.07	6.0	28	325	11.6
16823141	344	0.02	0.06	0.99	52	15.1	0.20	8.1	33	1048	31.8
1018-3841	74	0.33	0.00	0.61	17	23.0	0.06	6.0	8	133	16.6
1018189X	175	0.19	0.13	0.91	45	25.7	0.17	6.6	16	301	18.8
10170669	48	0.00	0.00	0.96	19	39.6	0.07	7.2	48	460	9.6
10232842	126	0.25	0.00	0.91	47	37.3	0.18	6.9	25	571	22.8
10124195	61	0.13	0.12	0.07	5	8.2	0.02	5.8	17	208	12.2
10132716	116	0.30	0.05	0.55	18	15.5	0.07	6.0	20	185	9.3
10237283	217	0.38	0.06	0.82	42	19.4	0.16	6.3	18	408	22.7
17263581	46	0.10	0.00	0.63	6	13.0	0.02	3.9	18	448	24.9
17285186	131	0.35	0.07	0.77	31	23.7	0.12	7.0	14	213	15.2
10290141	81	0.25	0.00	0.31	11	13.6	0.04	6.0	16	117	7.3
15618080	398	0.37	0.00	0.14	27	6.8	0.10	4.5	24	465	19.4
10125434	171	0.59	0.06	0.58	33	19.3	0.12	5.5	16	286	17.9
10298282	274	1.05	0.00	0.66	33	12.0	0.12	6.4	8	208	26.0
10251383	22	0.02	0.05	0.09	2	9.1	0.01	5.5	22	232	10.5
10287310	40	0.20	0.17	0.93	26	65.0	0.10	4.8	18	232	12.9
04945387	90	0.14	0.00	0.56	23	25.6	0.09	4.8	15	342	22.8
16660040	69	0.17	0.00	0.81	10	14.5	0.04	7.0	11	145	13.2
02593750	26	0.12	0.00	0.73	9	34.6	0.03	4.7	25	399	16.0
10198636	86	0.34	0.00	0.88	18	20.9	0.07	5.6	16	360	22.5
10287337	89	0.28	0.09	0.90	23	25.8	0.09	6.9	11	179	16.3
10163212	94	0.17	0.02	0.36	18	19.1	0.07	5.1	44	331	7.5
10239820	108	0.24	0.00	0.66	14	13.0	0.05	5.5	24	264	11.0
10183892	163	0.24	0.00	0.65	24	14.7	0.09	5.8	18	257	14.3
16845153	122	0.60	0.00	0.66	21	17.2	0.08	4.8	17	223	13.1
10232869	33	0.22	0.00	1.00	13	39.4	0.05	6.4	10	213	21.3
05830249	91	0.32	0.00	0.82	26	28.6	0.10	5.5	24	317	13.2

10264485	181	0.44	0.00	0.56	30	16.6	0.11	5.0	16	215	13.4
10222898	51	0.13	0.04	0.80	14	27.5	0.05	5.8	23	141	6.1
05912539	282	0.52	0.04	0.67	26	9.2	0.10	6.3	24	655	27.3
10183825	152	0.44	0.00	0.66	25	16.4	0.09	5.4	26	356	13.7
10115714	173	0.34	0.09	0.53	37	21.4	0.14	5.6	32	491	15.3
15608298	82	0.23	0.00	0.46	18	22.0	0.07	4.8	22	424	19.3
10288708	240	0.65	0.19	0.85	31	12.9	0.12	5.2	27	267	9.9
10249885	172	1.23	0.12	0.80	43	25.0	0.16	5.2	25	282	11.3
15633527	58	0.29	0.00	0.86	23	39.7	0.09	5.5	10	138	13.8
10181067	188	0.26	0.06	0.65	34	18.1	0.13	6.2	17	261	15.4
16094905	77	0.32	0.03	0.71	30	39.0	0.11	5.8	29	227	7.8
10161007	149	0.24	0.00	0.62	28	18.8	0.11	6.0	33	810	24.5
10181687	80	0.23	0.00	0.76	20	25.0	0.08	5.9	8	122	15.3
18144810	18	0.16	0.00	0.67	9	50.0	0.03	3.1	22	201	9.1
10181245	57	0.31	0.00	0.93	24	42.1	0.09	5.3	8	49	6.1
1018161x	71	0.26	0.00	0.87	24	33.8	0.09	6.0	17	159	9.4
10183833	117	0.06	0.05	0.82	39	33.3	0.15	6.5	19	172	9.1
16085752	98	0.11	0.02	0.67	38	38.8	0.14	6.2	52	653	12.6
05469600	81	0.21	0.00	0.62	19	23.5	0.07	6.3	10	122	12.2
10277757	72	0.50	0.00	0.83	16	22.2	0.06	4.5	11	87	7.9
1011520X	49	0.25	0.00	0.88	16	32.7	0.06	5.7	8	52	6.5
10177159	118	0.21	0.00	0.53	23	19.5	0.09	5.3	16	140	8.8
10272275	63	0.22	0.00	0.59	10	15.9	0.04	4.0	16	178	11.1
18166598	24	0.21	0.02	0.46	10	41.7	0.04	2.9	45	26	0.6
10219447	109	0.05	0.00	0.88	41	37.6	0.15	6.9	18	392	21.8
10239863	43	0.04	0.00	0.88	27	62.8	0.10	6.7	24	312	13.0
02559838	221	0.41	0.00	0.83	61	27.6	0.23	5.9	36	642	17.8
10181601	58	0.26	0.00	0.93	26	44.8	0.10	6.4	26		0.0
16815939	33	0.18	0.05	0.76	13	39.4	0.05	4.4	19	304	16.0
17271878	10	0.06	0.00	0.30	4	40.0	0.02	5.2	13	106	8.2
16064682	35	0.22	0.17	0.66	12	34.3	0.05	6.3	12	143	11.9
10232141	170	0.09	0.04	1.00	51	30.0	0.19	6.0	48	846	17.6

10219528	328	0.17	0.00	0.70	52	15.9	0.20	6.7	60	445	7.4
16802969	192	0.63	0.00	0.83	42	21.9	0.16		10		0.0
10112219	133	0.03	0.00	0.83	33	24.8	0.12	6.0	11	120	10.9
10270221	151	0.52	0.08	0.83	20	13.2	0.08	5.5	12	227	18.9
16802004	82	0.24	0.13	0.79	17	20.7	0.06	5.7	8	114	14.3
17298849	42	0.13	0.14	0.79	19	45.2	0.07	5.5	14	76	5.4
10283684	144	0.07	0.03	0.81	38	26.4	0.14	6.7	37	442	11.9
15601696	85	0.48	0.05	0.36	10	11.8	0.04	4.7	19	415	21.8
10213058	75	0.09	0.00	0.67	25	33.3	0.09	6.1	16	348	21.8
15601277	111	0.18	0.05	0.65	17	15.3	0.06	5.6	39	674	17.3
10257551	318	0.38	0.00	0.83	23	7.2	0.09	6.4	10	134	13.4
1680435x	13	0.13	0.00	0.15	3	23.1	0.01	4.4	8	183	22.9
1023280X	125	0.00	0.00	0.85	26	20.8	0.10	5.9	20	281	14.1
10171819	68	0.07	0.00	0.13	6	8.8	0.02	5.3	42	484	11.5
10255273	65	0.31	0.00	0.34	14	21.5	0.05	6.0	12	212	17.7
17269350	108	0.41	0.09	0.64	21	19.4	0.08	3.0	46	384	8.3
10267247	22	0.14	0.00	0.64	9	40.9	0.03	4.9	10	223	22.3
1027507x	125	0.27	0.07	0.38	21	16.8	0.08	5.9	29	450	15.5

Table 17-2. The Source Title of 2009 TSCI Journal Citation Report.

ISSN	Source Title
02541319	Acta Anaesthesiologica Taiwanica
10116842	Acta Cardiologica Sinica
10131671	Acta Nephrologica
10196099	Acta Neurologica Taiwanica
16088115	Acta Paediatrica Taiwanica
16840925	Bio Formosa
1817406X	Botanical Studies=Botanical Bulletin of Academia Sinica
13813390	Clinical Neonatology=臨床新生兒醫學雜誌
17262364	Electronic Commerce Studies
10116788	Formosan Journal of Surgery
10132732	Fungal Science
17272394	International Journal of Applied Science and Engineering
10137653	Journal of Biomedical & Laboratory Sciences
10166203	Journal of Genetics and Molecular Biology
10289488	Journal of Grey System
10162364	Journal of Information Science and Engineering
10232796	Journal of Marine Science and Technology
16090985	Journal of Medical and Biological Engineering
09296441	Journal of Medical Ultrasound
a0000142	Formosan Journal of Rheumatology = Journal of Rheumatology R.O.C.
02533839	Journal of the Chinese Institute of Engineers
09296646	Journal of the Formosan Medical Association
15601587	Taiwan Journal of Oral Medicine & Health Sciences
10284559	Taiwanese Journal of Obstetrics & Gynecology
0372333X	Taiwania(生命科學學報)
10170839	Terrestrial, Atmospheric and Oceanic Sciences(TAO)
03044920	The Chinese Journal of Physiology
02575655	The Kaohsiung Journal of Medical Sciences
02540002	大氣科學
15603822	大專體育
15633470	大專體育學刊
16803108	中山醫學雜誌

1027376x	中文計算語言學期刊
05296528	中國統計學報
10234535	中國造船工程學刊
10227636	中國環境工程學刊
02556073	水土保持
1726359x	大腸直腸
a0000234	內分泌糖尿病
10279962	牙周病
a0000041	兒童胸腔
10232214	急救
10277722	音響
16839595	航空醫學
10213120	眼科醫學
10298231	齒顎矯正
10251375	中華整形雜誌
10116958	中華營養雜誌
10156267	中華癌症雜誌
02538946	中華雜草
10278117	中華皮膚雜誌
16849418	中華放射線技術
10188940	中華放射線醫學
05781345	中華林學季刊
16835875	中華針灸醫學
10116923	中華骨科醫學雜誌
18127282	中華推拿與現代康
10233660	職業醫學
0257-554x	中興工程
16077423	中醫兒科
10176446	中醫藥
10167390	內科學誌
10158359	化工
04413768	化學
16062604	水資源
18102549	北市醫學

10229671	石油季刊
10255222	全球變遷
18127266	安寧療護
10257683	自來水
16072928	自然
10123407	技術學刊
17271231	災害防救學報
10162356	防蝕工程
19912609	呼吸治療
a0000474	坡地防災學報
1023988x	放射治療與腫瘤學
10238719	東海科學
15632555	物理治療
20720939	長庚醫學
10267301	長庚護理
15612546	長期照護雜誌
10220690	品質學報
16068238	建築與規劃學報
1563356x	重症醫學雜誌
1022923X	核子醫學雜誌
02555778	氣象學報
15613771	特有生物研究
02539290	畜產研究
10217959	疼痛醫學雜誌
1017091x	真空科技
xx2	粉末冶金
10239855	胸腔醫學
10218661	航測及遙測學刊
18124313	航運季刊
16830903	高雄護理雜誌
15613852	衛教雜誌
18111947	健康管理學刊
10175733	動物園學報

02556014	臺大生物
19904401	理工研究學報
15629708	設計學研究
10249877	勞工安全衛生研究季刊
17293332	設計與環境學報
10219544	植物病理
15622746	植物種苗
10217878	結構工程
a0000067	腎臟與透析
16841182	微免與感染雜誌
10163190	慈濟醫學雜誌
17273269	感染控制雜誌
15631230	新臺北護理期刊
16839544	腫瘤護理雜誌
17296056	資訊安全通訊
15604683	資訊管理展望
05503744	農林學報
xx5	農業推廣文彙
02538873	農業推廣學報
18142869	實證護理
02584727	榮總護理
16079264	網際網路技術學刊
a0000021	口腔顎面
1812724x	臺灣中醫臨床醫學雜誌
04921505	臺灣水利
03794180	臺灣水產學
10196102	臺灣耳鼻喉頭頸外科雜誌
18162584	臺灣兒童牙醫學雜誌
16807650	臺灣昆蟲
10264469	臺灣林業科學
10163220	臺灣泌尿科醫學
15623386	臺灣急診醫
16823281	臺灣家庭醫學雜誌

10137696	臺灣消化醫學雜誌
10253009	臺灣復健醫學雜誌
17267404	臺灣腎臟護理
16052471	臺灣農業化學與食品科學
00224847	臺灣農業研究
18145108	臺灣運動心理學報
1027-5096	臺灣臨床藥學雜誌
10281916	臺灣醫學
16065727	臺灣醫學人文學刊
16826485	臺灣獸醫學雜誌
18102093	輔仁醫學期刊
15606619	領導護理
15618137	學校衛生
15609251	應用心理研究
10282483	應用倫理研究通訊
xx3	營建管理季刊
02540010	環境保護
10293159	環境與世界
02584697	臨床醫學
1023750x	鍛造
10137661	職能治療
1024106x	醫院
02584700	醫藥學
16086961	醫務管理期刊
10114564	醫學研究
10282424	醫教
10213155	醫療資訊雜誌
15627640	醫護科技學刊
10219498	藥物食品分析
0047262x	護理雜誌
xx1	當代醫學
16068351	林業研究季刊

17263603	臺灣醫界
10289496	社區發展季刊
16831624	志為護理-慈濟護理雜誌
16846478	諮商與輔導
10293132	Asia Pacific Management Review
10132511	Issues & Studies
16823141	The Journal of Nursing Research
1018-3841	人口學刊
1018189X	人文社
10170669	工業工程學刊
10232842	中山管理評論
10124195	歷史語言
10132716	中國大陸研究
10237283	中華心理衛生學刊
17263581	中華傳播學刊
17285186	中華輔導與諮商學報
10290141	公平交易季刊
15618080	公共行政學報
10125434	戶外遊憩研究
10298282	本土心理學研究
10251383	民俗曲藝
10287310	交大管理學報
04945387	地理學報
16660040	住宅學報
02593750	東吳法律學報
10198636	東吳政治學報
10287337	社政與社工
10163212	建築學報
10239820	政大法學評論
10183892	政治科學論叢
16845153	政治與社
10232869	政治學報
05830249	師大報

10264485	特教研究
10222898	財務金融學刊
05912539	問題與研究
10183825	國立臺灣大學法學論叢
10115714	教心理學報
15608298	教政策論壇
10288708	教研究集刊
10249885	教與心理研究
15633527	教學刊
10181067	都市與計劃
16094905	測驗學刊
10161007	新聞學研究
10181687	計評論
18144810	當代教研究
10181245	經濟研究
1018161x	經濟論文
10183833	經濟論文叢刊
16085752	資訊管理學報
05469600	農業經濟半年刊=應用經濟論叢
10277757	農業經濟叢刊
1011520X	農業與經濟
10177159	運輸計劃季刊
10272275	運輸學刊
18166598	電子商務學報
10219447	管理評論
10239863	管理與系統
02559838	管理學報
10181601	臺大管理論叢
16815939	臺北大學法學論叢
17271878	臺灣人類學刊
16064682	臺灣土地研究
10232141	臺灣公共衛生雜誌

10219528	臺灣社研究
16802969	台灣社
10112219	臺灣社學
10270221	臺灣政治學刊
16802004	台灣教社研究
17298849	臺灣經濟預測與政策
10283684	臺灣精神醫學
15601696	遠景基金
10213058	歐美研究
15601277	課程與教學
10257551	選研究
1680435x	藝術教研究
1023280X	證券市場發展季刊
10171819	International Journal of Information and Management Sciences
10255273	觀光休閒學報
17269350	臺灣民主季刊
10267247	東海大學法學研究
1027507x	科學教學刊

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Appendix

There are 256 journals in the TSCI database. More than 400,000 references had been indexed. The time span is from 2005 to 2009. Figure A-1 is this TSCI database platform. 256 journals can be browsed as Figure A-2. Chinese and English language interfaces are provided for article searching (Figure A-3 and FigureA-4). Journal searching and browsing is also available (Figure A-5 and Figure A-6). There are some other value-added systems which are developing to be embedded in the TSCI platform. But they are out of the scope for this book. Therefore, there are many data, methods and systems needed to be updated, designed and constructed in the future.

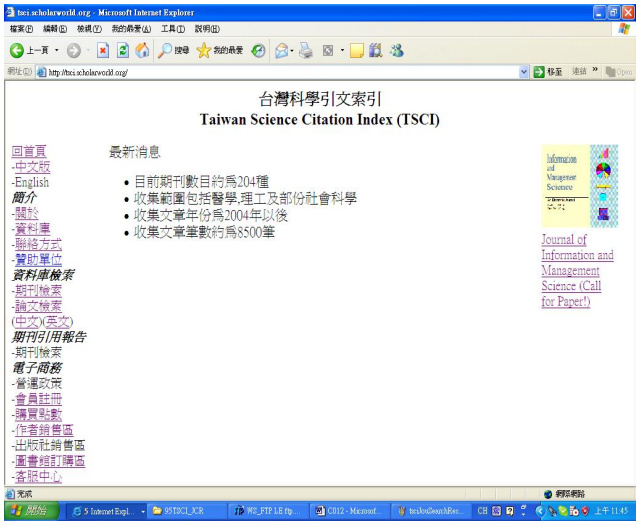

Figure A-1. The TSCI Database Platform.

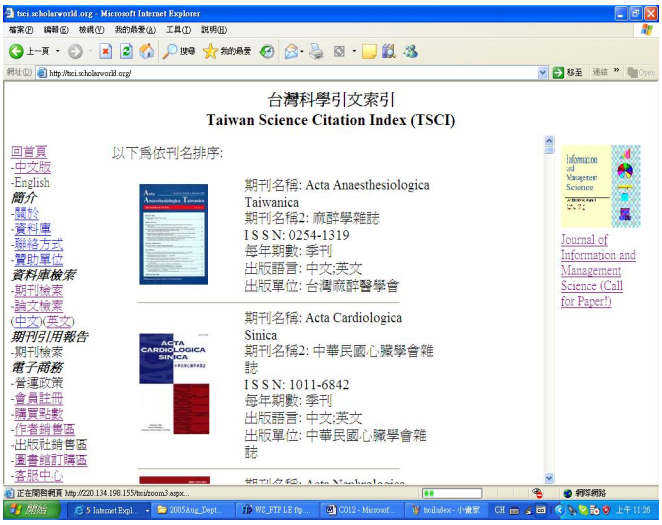

Figure A-2. All Journal Lists in TSCI Database.

Figure A-3. Article Search System.

Figure A-4. Search Results of Article Search.

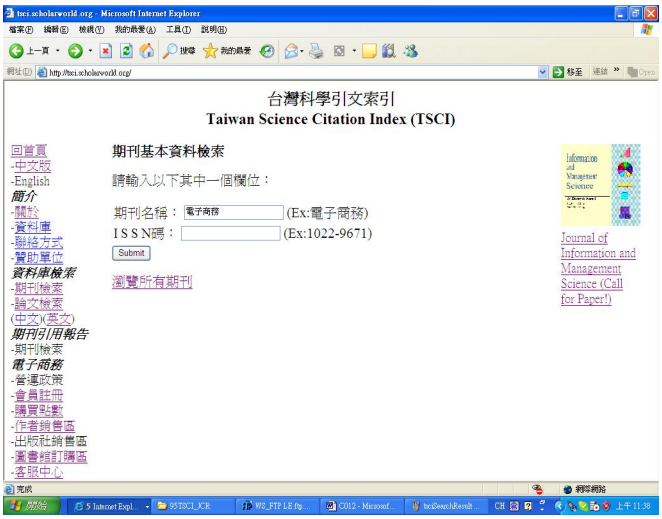

Figure A-5. Journal Search System.

Figure A-6. Search Results of Journal Search.

TSCI (Taiwan Science Citation Index) Journal Citation Report

Discover Taiwan's Academic Landscape Through TSCI

The Taiwan Science Citation Index (TSCI) was established to measure and analyze the impact of scientific journals published in Taiwan. Focused on journals written in traditional Chinese, TSCI fills a critical gap in academic resources, complementing the global Science Citation Index (SCI), which predominantly indexes English-language publications. By utilizing bibliometric techniques and citation analysis, TSCI not only highlights the unique research trends in Taiwan but also offers scholars an invaluable platform to delve deeper into the nation's scientific progress.

This report, covering insights from 2006 to 2009, features an in-depth analysis of citation trends and journal impact factors. With carefully compiled metadata and robust methodologies, the TSCI Journal Citation Report provides a comprehensive overview of Taiwan's academic achievements and contributions.

Contents:

1. Introduction
2. Material and Metadata
3. Methodology
4. Analysis and Discussion
5. 2006 TSCI Journal Citation Report
6. 2007 TSCI Journal Citation Report
7. 2008 TSCI Journal Citation Report
8. 2009 TSCI Journal Citation Report

For researchers, students, and policymakers alike, this book is a vital resource for understanding Taiwan's dynamic research environment and the broader implications of its scientific contributions.